

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050410.D
 Acq On : 11 Jul 2025 13:02
 Operator : RC/JU
 Sample : Q2126-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: Jul 11 13:41:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	412309	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1550625	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	997585	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1933677	20.000	ng	0.00
76) Chrysene-d12	21.450	240	1998273	20.000	ng	0.00
86) Perylene-d12	24.485	264	2028179	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2975418	124.219	ng	0.00
7) Phenol-d6	7.022	99	3842517	127.255	ng	0.00
23) Nitrobenzene-d5	9.016	82	2497107	82.159	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1639619	135.274	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6499758	80.462	ng	0.00
79) Terphenyl-d14	19.839	244	10719655	94.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	95125	9.658	ng	99
3) Pyridine	3.740	79	244235	9.445	ng	97
4) n-Nitrosodimethylamine	3.646	42	113551	9.419	ng	# 98
6) Aniline	7.187	93	361928	9.340	ng	100
8) 2-Chlorophenol	7.428	128	248788	9.850	ng	99
9) Benzaldehyde	6.998	77	212201	11.814	ng	98
10) Phenol	7.045	94	306519	9.733	ng	97
11) bis(2-Chloroethyl)ether	7.281	93	236334	9.370	ng	97
12) 1,3-Dichlorobenzene	7.751	146	292671	9.530	ng	100
13) 1,4-Dichlorobenzene	7.898	146	300757	9.591	ng	99
14) 1,2-Dichlorobenzene	8.216	146	282301	9.403	ng	99
15) Benzyl Alcohol	8.098	79	193924	9.115	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	349593	9.410	ng	99
17) 2-Methylphenol	8.298	107	184103	9.013	ng	99
18) Hexachloroethane	8.951	117	102588	9.302	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	166810	9.119	ng	97
20) 3+4-Methylphenols	8.622	107	243473	8.879	ng	100
22) Acetophenone	8.681	105	366109	9.443	ng	# 98
24) Nitrobenzene	9.057	77	271869	10.024	ng	100
25) Isophorone	9.586	82	438511	8.891	ng	98
26) 2-Nitrophenol	9.769	139	92898	8.404	ng	94
27) 2,4-Dimethylphenol	9.828	122	210180	8.936	ng	97
28) bis(2-Chloroethoxy)met...	10.069	93	300400	9.192	ng	99
29) 2,4-Dichlorophenol	10.304	162	214641	8.882	ng	99
30) 1,2,4-Trichlorobenzene	10.522	180	269837	9.334	ng	99
31) Naphthalene	10.710	128	737142	9.359	ng	99
32) Benzoic acid	9.892	122	84760	11.114	ng	94
33) 4-Chloroaniline	10.810	127	300381	9.021	ng	100
34) Hexachlorobutadiene	11.004	225	159769	9.055	ng	97
35) Caprolactam	11.563	113	50877	7.712	ng	96
36) 4-Chloro-3-methylphenol	11.927	107	197174	8.738	ng	99
37) 2-Methylnaphthalene	12.316	142	453252	9.114	ng	98
38) 1-Methylnaphthalene	12.539	142	479383	9.109	ng	96
40) 1,2,4,5-Tetrachloroben...	12.686	216	286886	9.043	ng	99
41) Hexachlorocyclopentadiene	12.674	237	152285	7.510	ng	99
43) 2,4,6-Trichlorophenol	12.921	196	164880	8.443	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	185886	8.716	ng	99
46) 1,1'-Biphenyl	13.327	154	702429	9.490	ng	99
47) 2-Chloronaphthalene	13.368	162	554873	9.403	ng	100
48) 2-Nitroaniline	13.557	65	109336	8.301	ng	93
49) Acenaphthylene	14.210	152	811056	9.094	ng	100
50) Dimethylphthalate	13.945	163	640440	9.325	ng	100
51) 2,6-Dinitrotoluene	14.051	165	116630	8.844	ng	90
52) Acenaphthene	14.551	154	518788	9.150	ng	97
53) 3-Nitroaniline	14.380	138	120066	8.561	ng	96
54) 2,4-Dinitrophenol	14.586	184	37617	11.163	ng	92
55) Dibenzofuran	14.886	168	827444	9.471	ng	99
56) 4-Nitrophenol	14.680	139	93101	7.720	ng	96
57) 2,4-Dinitrotoluene	14.839	165	146743	9.736	ng	96
58) Fluorene	15.533	166	660614	9.180	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	157174	8.755	ng	97
60) Diethylphthalate	15.310	149	607288	9.256	ng	99
61) 4-Chlorophenyl-phenyle...	15.527	204	332744	8.843	ng	93
62) 4-Nitroaniline	15.533	138	121275	9.703	ng	86
63) Azobenzene	15.821	77	556676	9.240	ng	96
65) 4,6-Dinitro-2-methylph...	15.598	198	60172	11.330	ng	97
66) n-Nitrosodiphenylamine	15.739	169	542440	8.965	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	185426	8.704	ng	96
68) Hexachlorobenzene	16.539	284	228384	9.076	ng	98
69) Atrazine	16.686	200	173313	8.723	ng	100
70) Pentachlorophenol	16.874	266	121501	7.757	ng	99
71) Phenanthrene	17.262	178	1012042	9.249	ng	99
72) Anthracene	17.356	178	984858	9.042	ng	100
73) Carbazole	17.621	167	896402	9.096	ng	99
74) Di-n-butylphthalate	18.192	149	917937	8.510	ng	99
75) Fluoranthene	19.274	202	1042509	8.764	ng	99
77) Benzidine	19.450	184	464445	9.112	ng	99
78) Pyrene	19.633	202	1134330	8.863	ng	100
80) Butylbenzylphthalate	20.533	149	351435	8.328	ng	99
81) Benzo(a)anthracene	21.433	228	1182209	9.080	ng	100
82) 3,3'-Dichlorobenzidine	21.350	252	357722	8.147	ng	100
83) Chrysene	21.491	228	1143345	9.310	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	565745	8.445	ng	98
85) Di-n-octyl phthalate	22.515	149	797602	7.602	ng	98
87) Indeno(1,2,3-cd)pyrene	27.915	276	1273042	8.828	ng	99
88) Benzo(b)fluoranthene	23.527	252	1076805	8.631	ng	99
89) Benzo(k)fluoranthene	23.585	252	1132384	8.748	ng	98
90) Benzo(a)pyrene	24.344	252	991768	8.492	ng	98
91) Dibenzo(a,h)anthracene	27.979	278	1071603	8.824	ng	99
92) Benzo(g,h,i)perylene	28.979	276	1022861	8.912	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_M

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Abundance

TIC: BM050410.D\data.ms

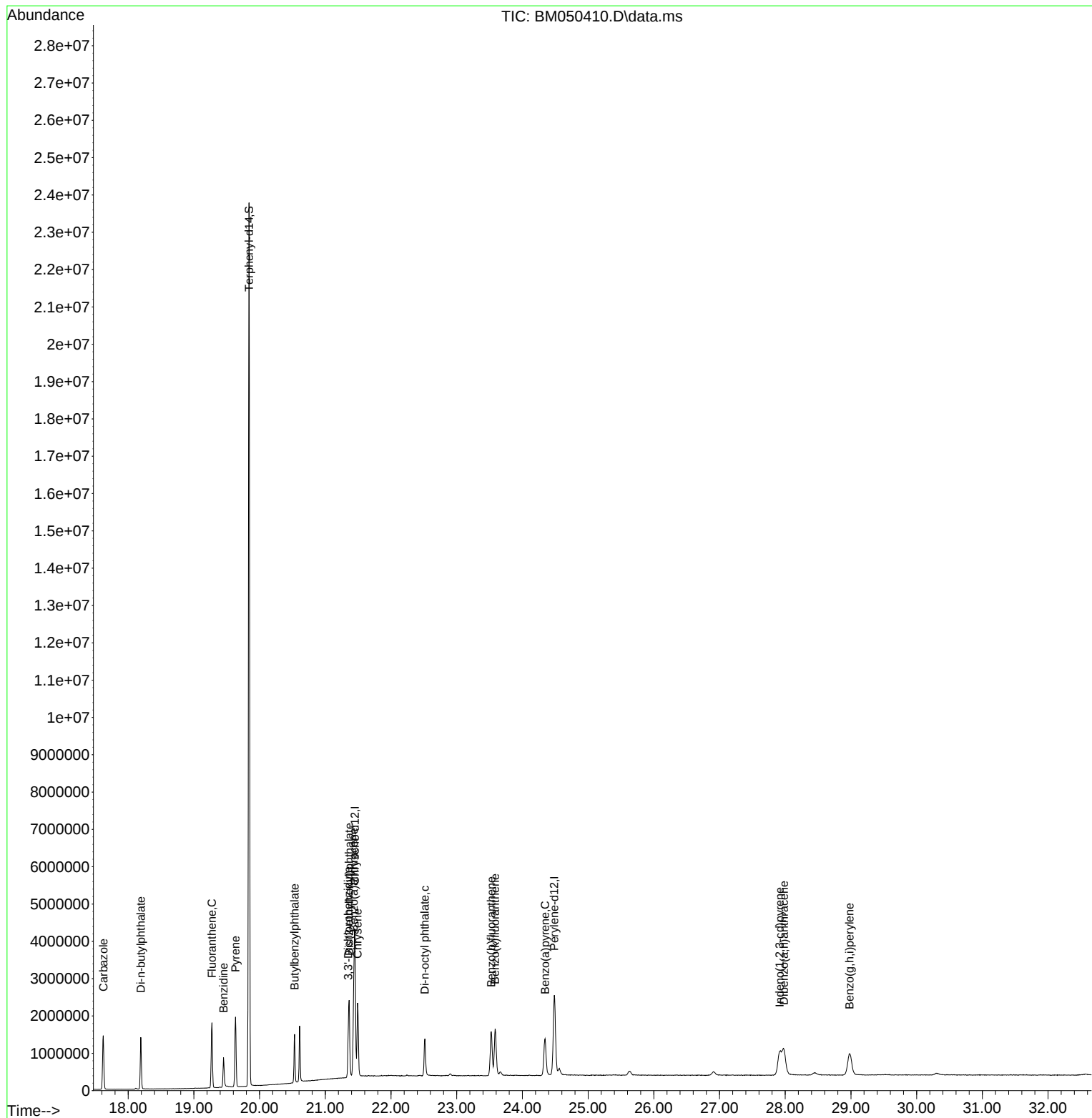
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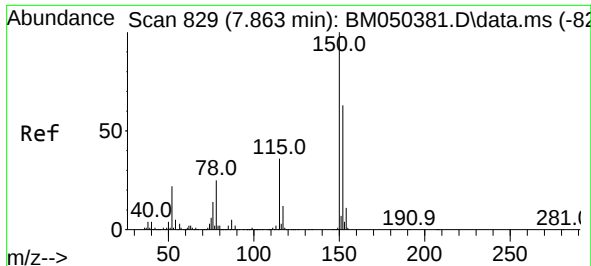
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n-Propylamine
Pyridine
2-Fluorophenol, S
Phenol-d6, S
Bis(2-Chloroethyl)ether
2-Chlorophenol
1,3-Dichlorobenzene
1,4-Dichlorobenzene-d4, I
Benzyl Alcohol
1,4-Dichlorobenzene
2,2,4,4-Tetrachloropropane
3-Methylphenol
Polyamine, P
Nitrobenzene-d5, S
Nitrobenzene
Hexachloroethane
Nitrobenzene
Isophorone
2-Nitrophenol
Benzyl Alcohol
Bis(2-Chloroethoxy)methane
2,4-Dichlorophenol, C
1,2,4-Trichlorobenzene
1,2,4-Trichlorobenzene-d8, I
4-Chloroaniline
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
1-Methylnaphthalene
Hexachlorocyclopentadiene, P
2,4,6-Trichlorophenol, C
2,4,6-Trichlorophenol, S
2-Chloronaphthalene
2-Nitroaniline
2-Chloronaphthalene
2,6-Dimethylphthalate
Dimethylphthalate
Acenaphthylene
3-Nitroaniline
Acenaphthene-d10, I
2,4-Dichlorophenol, P
2,4-Dichlorophenol, S
2,4-Dichlorophenol
2,3,4,6-Tetrachlorophenol
Diethylphthalate
4,6-Dimethyl-2-methylphenylphenylether
4-Chlorophenylphenylamine, C
Azobenzene
4-Bromophenylphenylether
Hexachlorobenzene
Atrazine
Pentachlorophenol, C
Phenanthrene
Phenanthrene-d10, I
Atrazine
Carbazole

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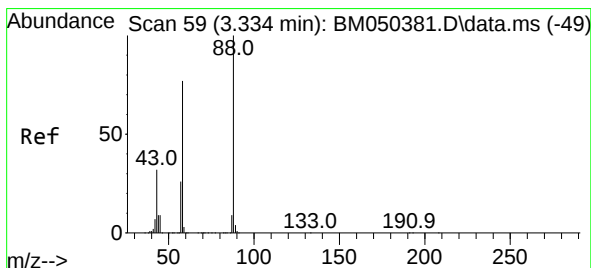
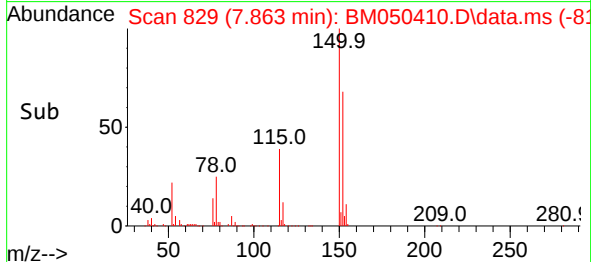
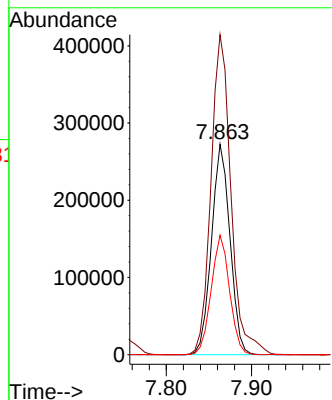
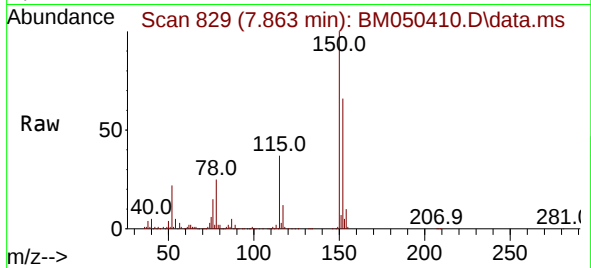




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM050410.D
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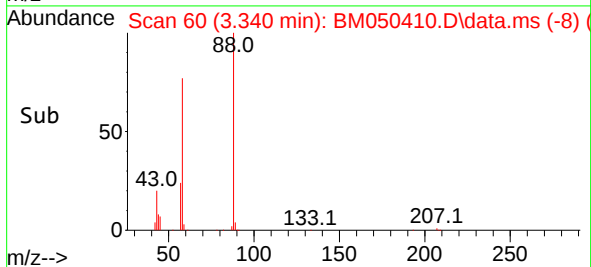
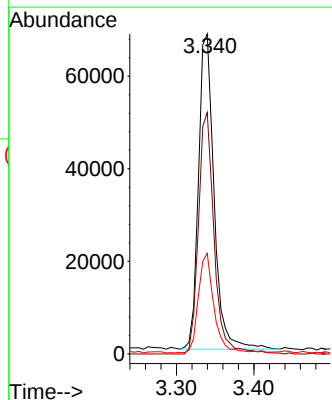
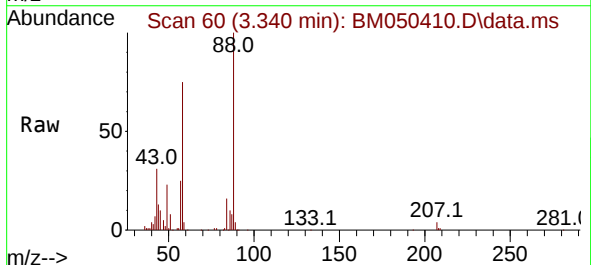
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

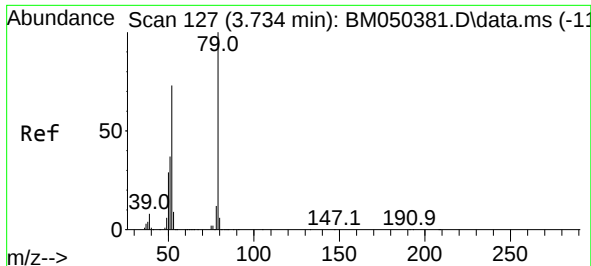
Tgt Ion:152 Resp: 412309
 Ion Ratio Lower Upper
 152 100
 150 152.1 126.2 189.4
 115 56.7 45.8 68.8



#2
 1,4-Dioxane
 Concen: 9.658 ng
 RT: 3.340 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

Tgt Ion: 88 Resp: 95125
 Ion Ratio Lower Upper
 88 100
 58 76.9 61.0 91.6
 43 31.2 24.6 37.0

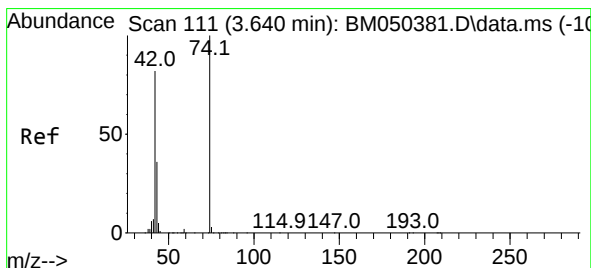
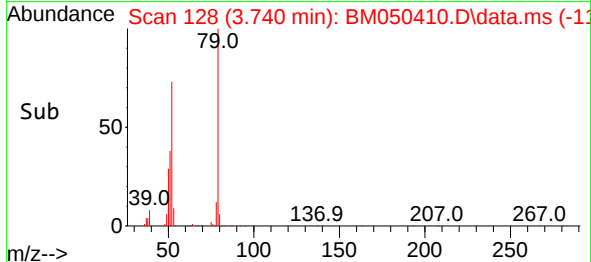
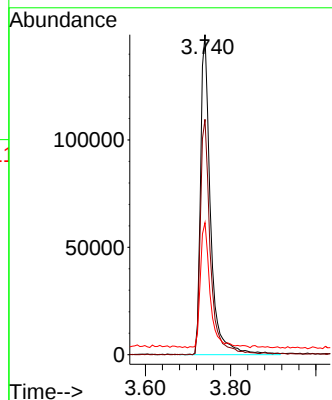
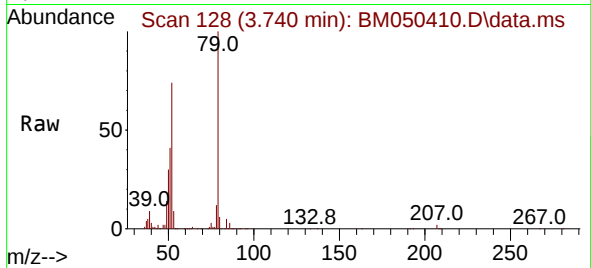




#3
Pyridine
Concen: 9.445 ng
RT: 3.740 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

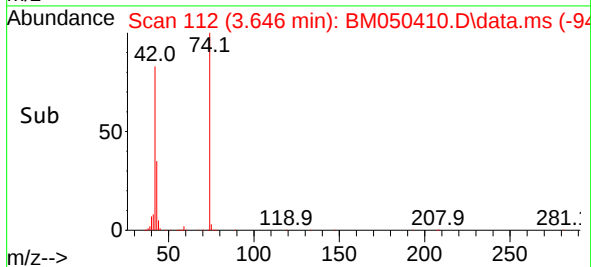
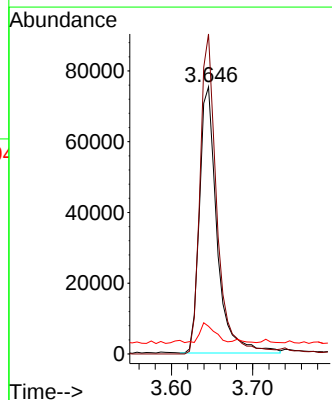
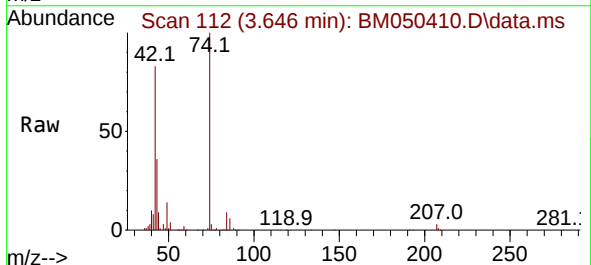
Instrument :
BNA_M
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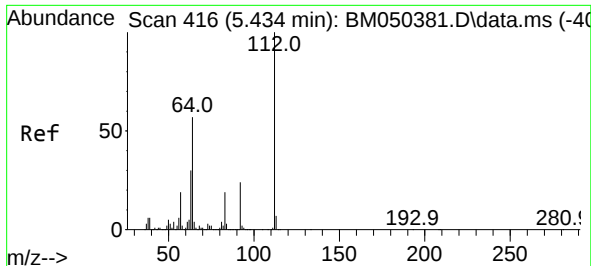
Tgt Ion: 79 Resp: 244235
Ion Ratio Lower Upper
79 100
52 73.6 58.3 87.5
51 41.2 29.6 44.4



#4
n-Nitrosodimethylamine
Concen: 9.419 ng
RT: 3.646 min Scan# 112
Delta R.T. 0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 42 Resp: 113551
Ion Ratio Lower Upper
42 100
74 119.8 97.5 146.3
44 10.3 5.7 8.5

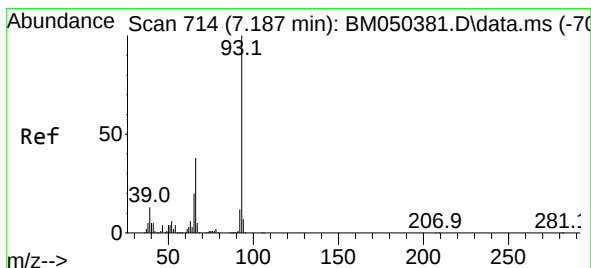
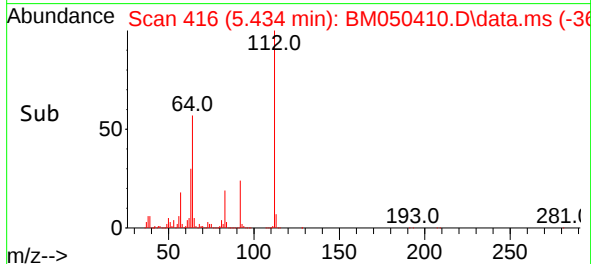
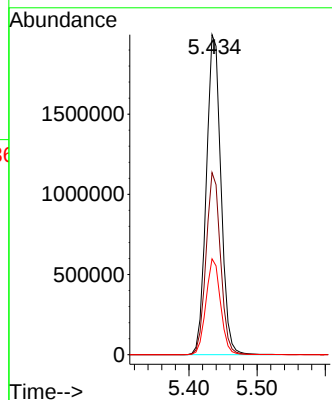
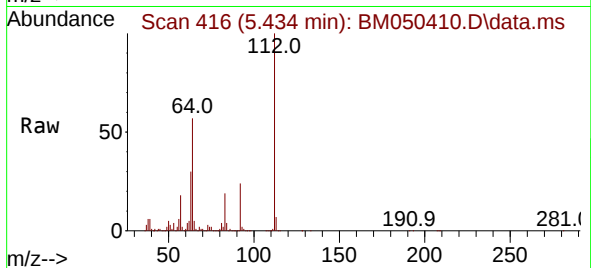




#5
2-Fluorophenol
Concen: 124.219 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

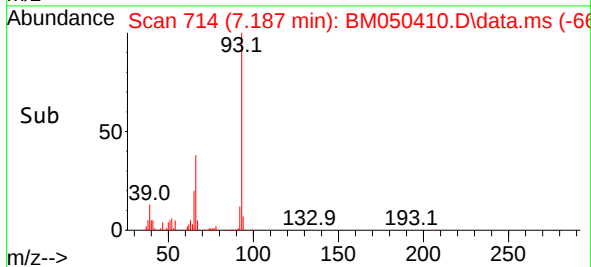
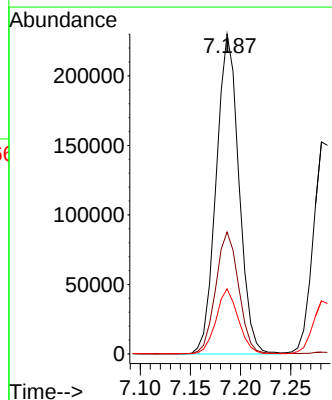
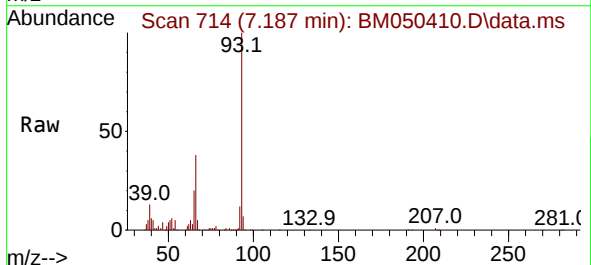
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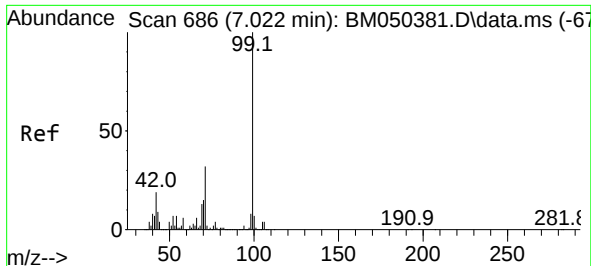
Tgt Ion:112 Resp: 2975418
Ion Ratio Lower Upper
112 100
64 56.9 45.5 68.3
63 29.9 24.2 36.4



#6
Aniline
Concen: 9.340 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 93 Resp: 361928
Ion Ratio Lower Upper
93 100
66 38.1 30.5 45.7
65 20.3 15.9 23.9



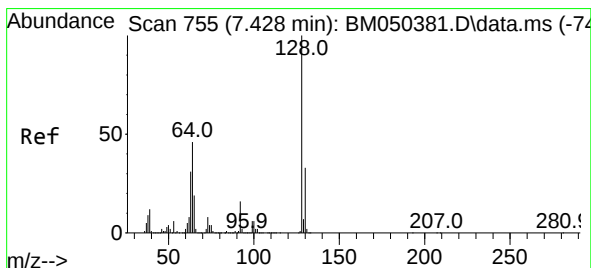
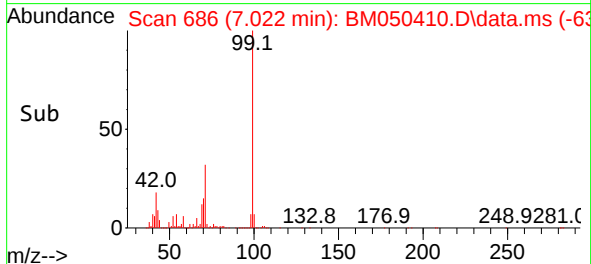
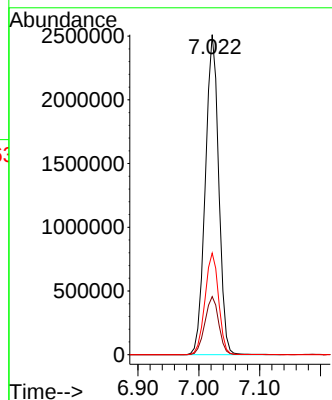
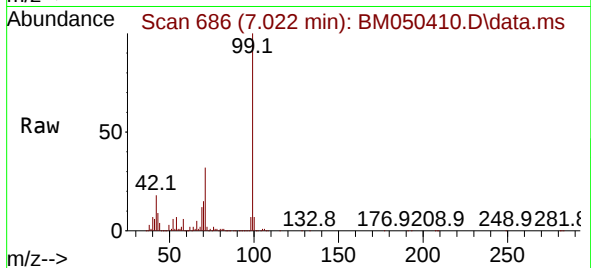


#7
Phenol-d6
Concen: 127.255 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 99 Resp: 3842517

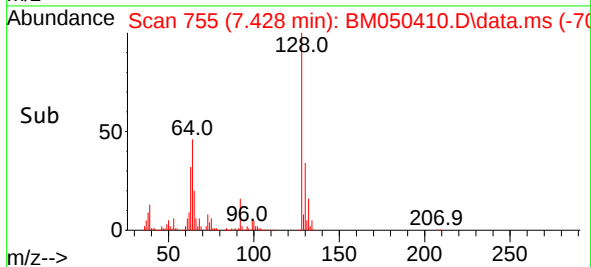
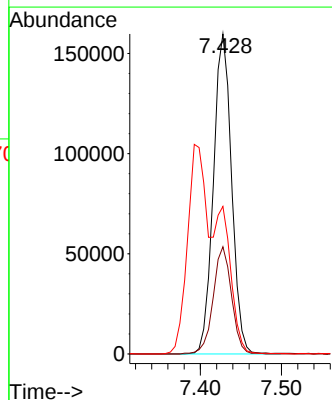
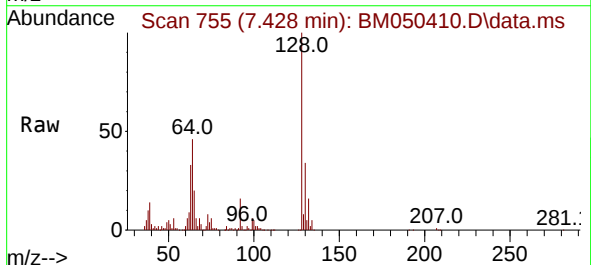
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	31.7	25.9	38.9

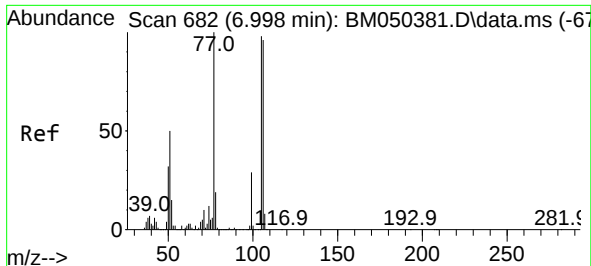


#8
2-Chlorophenol
Concen: 9.850 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 128 Resp: 248788

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.3	53.3
64	46.1	25.6	65.6

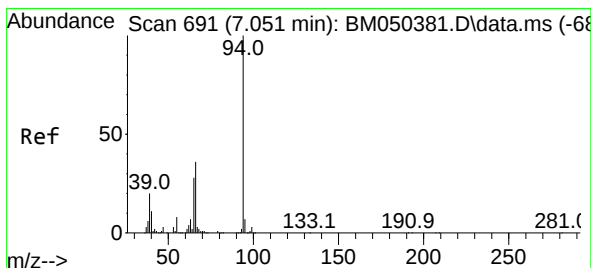
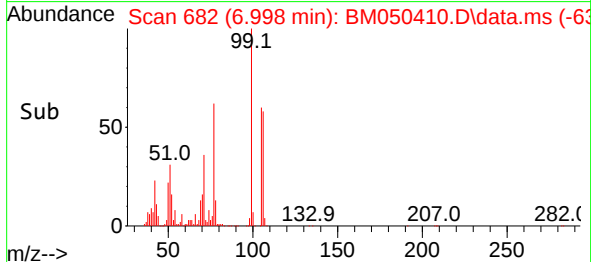
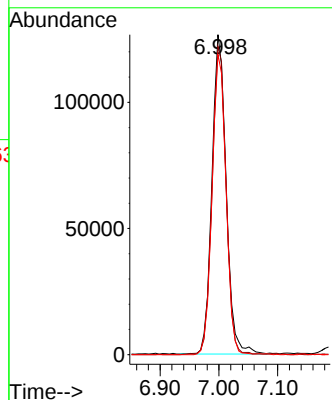
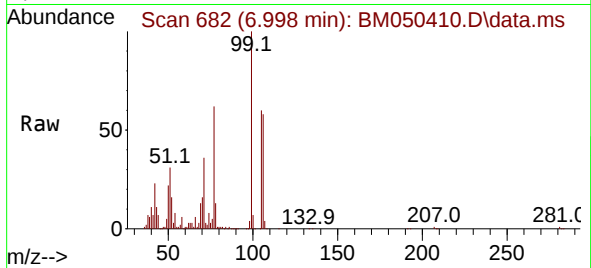




#9
Benzaldehyde
Concen: 11.814 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

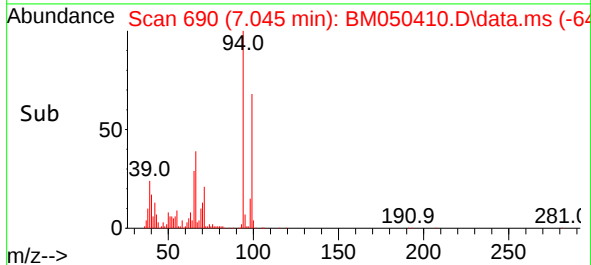
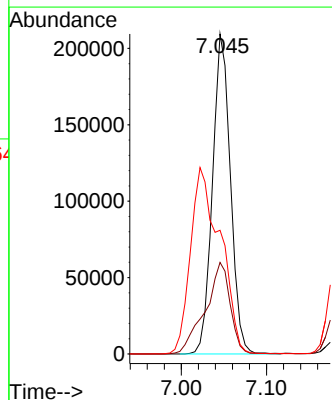
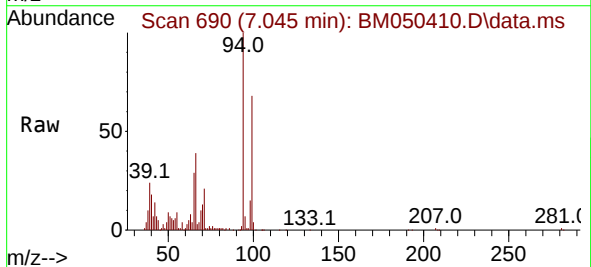
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

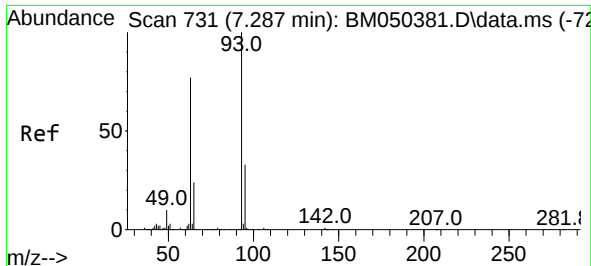
Tgt Ion: 77 Resp: 212201
Ion Ratio Lower Upper
77 100
105 96.3 78.4 118.4
106 93.8 76.3 116.3



#10
Phenol
Concen: 9.733 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 94 Resp: 306519
Ion Ratio Lower Upper
94 100
65 28.6 8.1 48.1
66 38.6 15.8 55.8

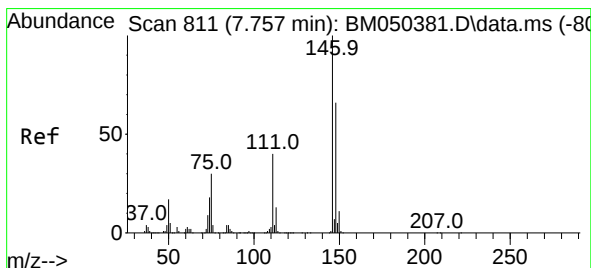
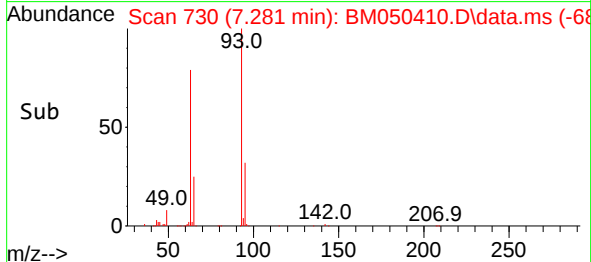
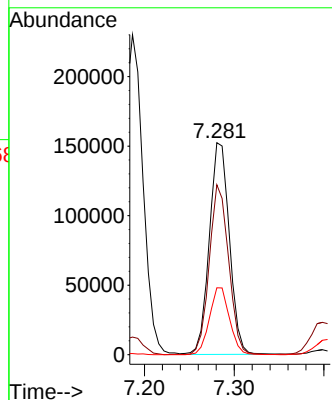
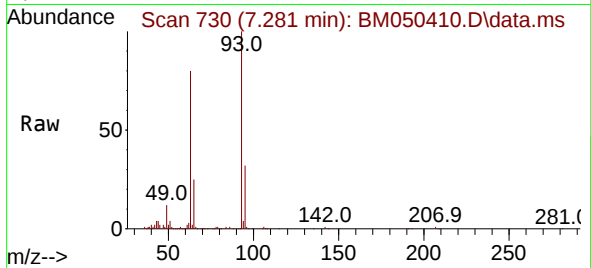




#11
bis(2-Chloroethyl)ether
Concen: 9.370 ng
RT: 7.281 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

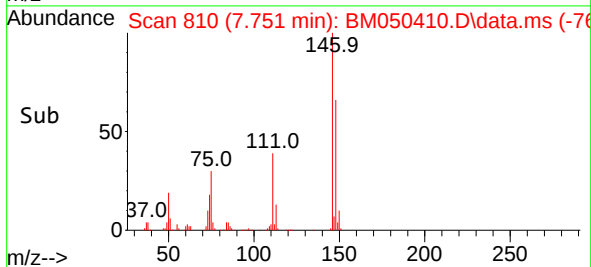
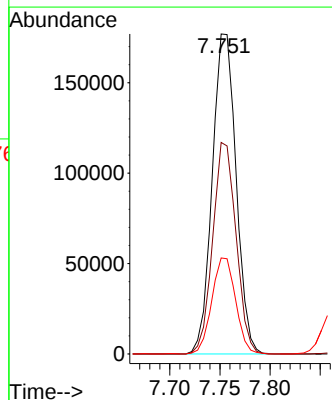
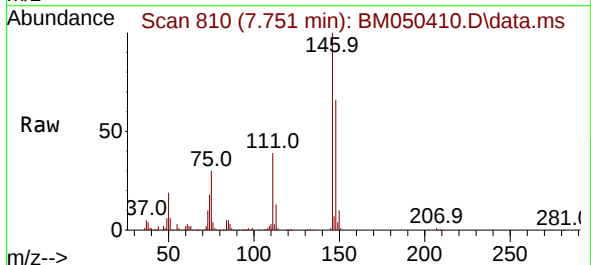
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

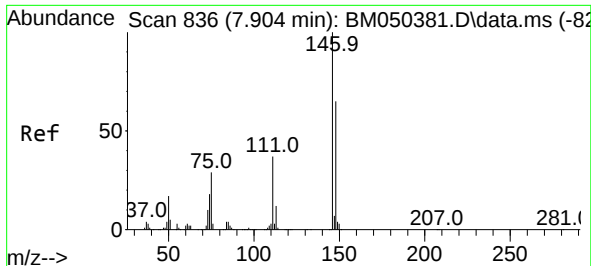
Tgt Ion: 93 Resp: 236334
Ion Ratio Lower Upper
93 100
63 80.2 56.9 96.9
95 31.5 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 9.530 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:146 Resp: 292671
Ion Ratio Lower Upper
146 100
148 66.1 53.2 79.8
75 30.0 23.9 35.9

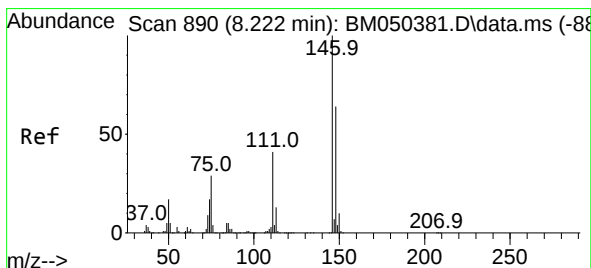
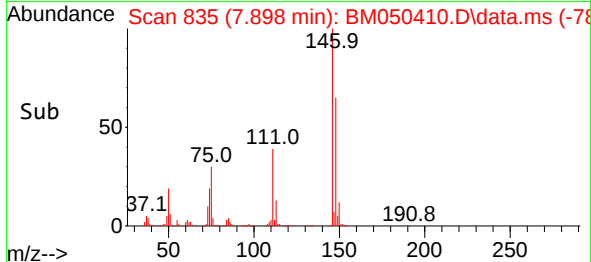
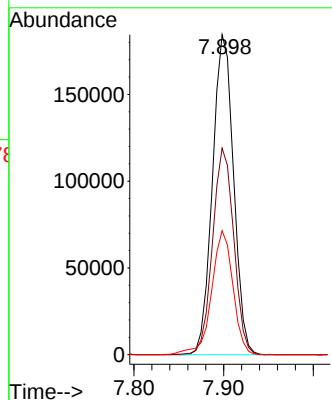
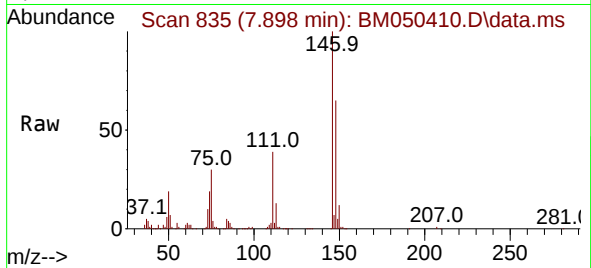




#13
1,4-Dichlorobenzene
Concen: 9.591 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

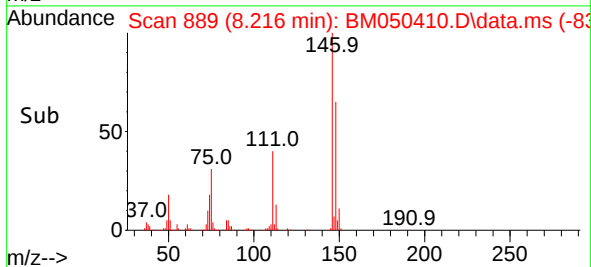
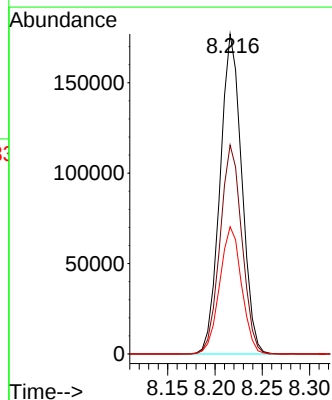
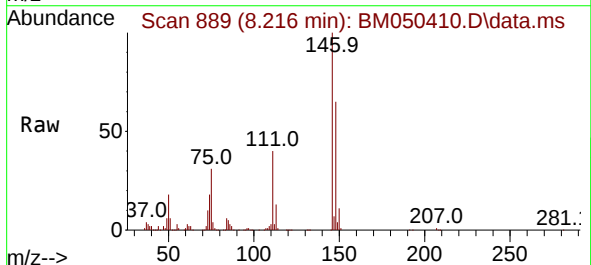
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

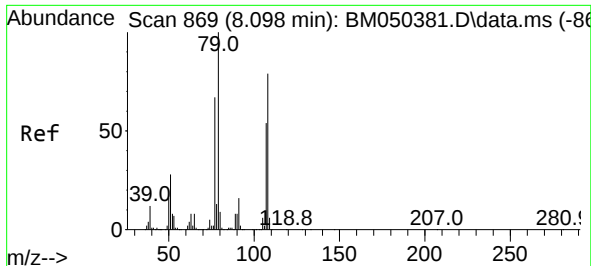
Tgt Ion:146 Resp: 300757
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
111 38.7 30.0 45.0



#14
1,2-Dichlorobenzene
Concen: 9.403 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:146 Resp: 282301
Ion Ratio Lower Upper
146 100
148 65.3 51.5 77.3
111 39.7 32.6 49.0

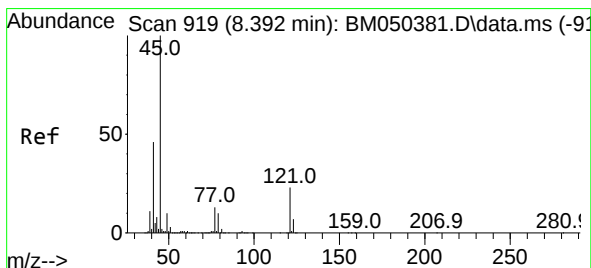
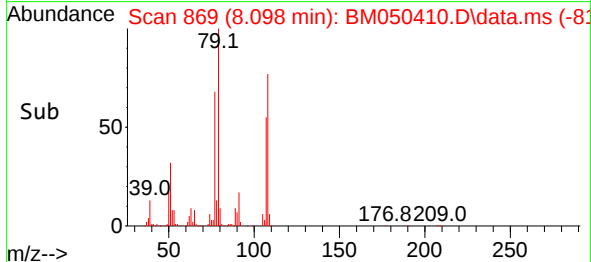
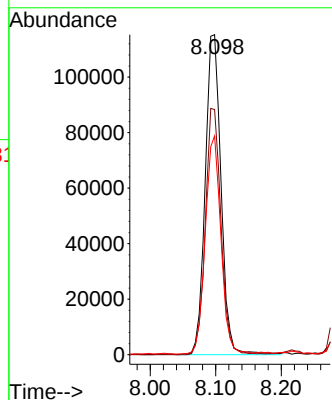
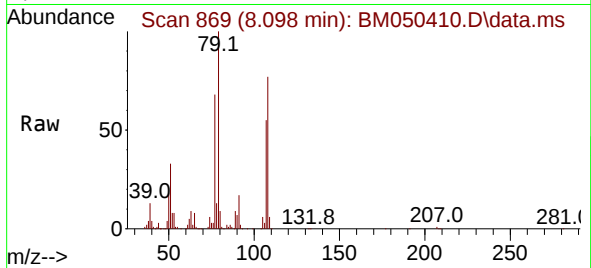




#15
Benzyl Alcohol
Concen: 9.115 ng
RT: 8.098 min Scan# 869
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

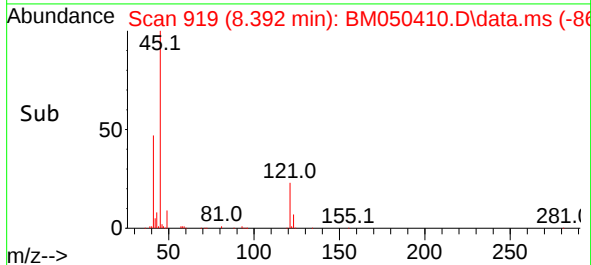
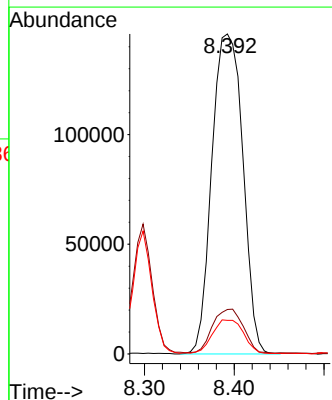
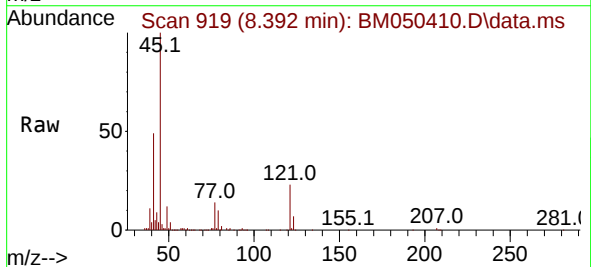
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT2-2025

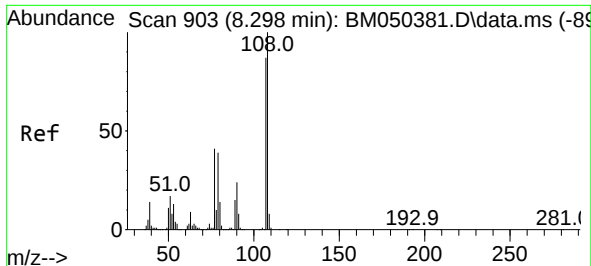
Tgt Ion: 79 Resp: 193924
Ion Ratio Lower Upper
79 100
108 76.6 63.0 94.4
77 68.4 53.4 80.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.410 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 45 Resp: 349593
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.5
79 10.5 0.0 30.3

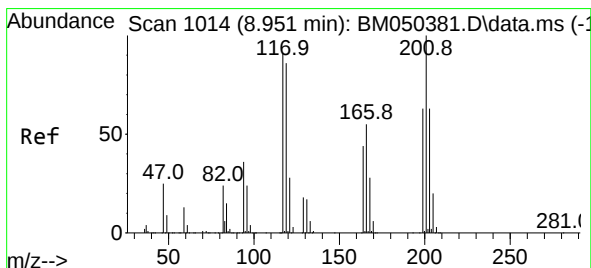
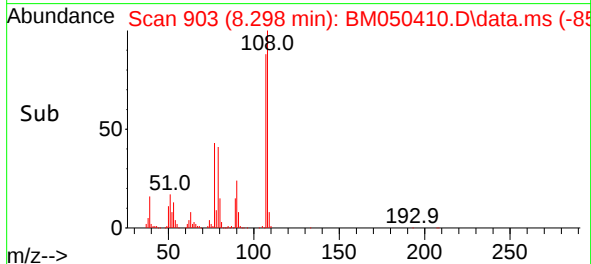
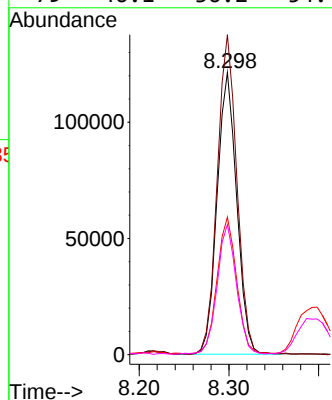
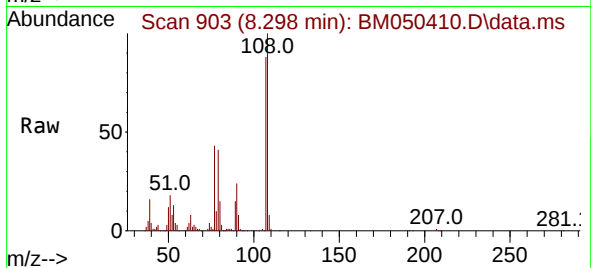




#17
2-Methylphenol
Concen: 9.013 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

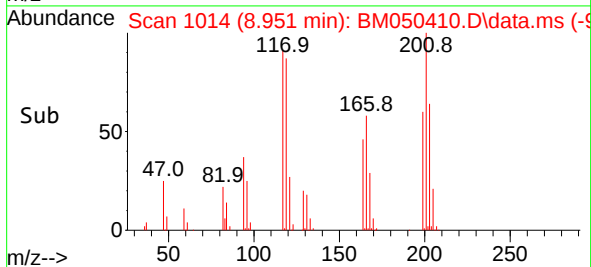
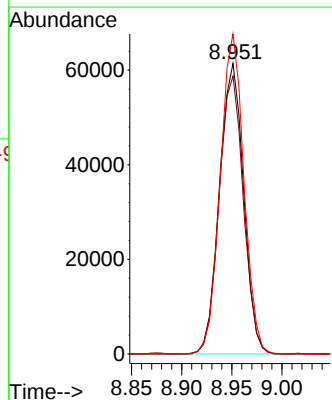
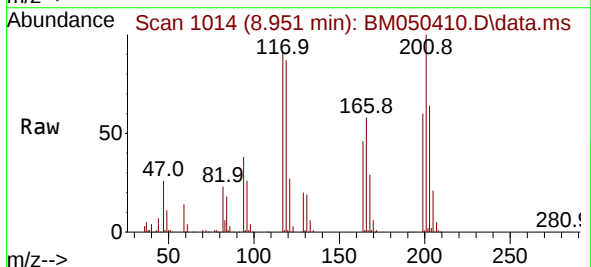
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

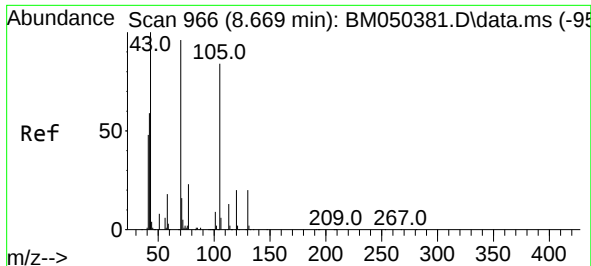
Tgt Ion:	107	Resp:	184103
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	48.8	38.2	57.4
79	46.1	36.2	54.4



#18
Hexachloroethane
Concen: 9.302 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:	117	Resp:	102588
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	110.1	87.9	131.9

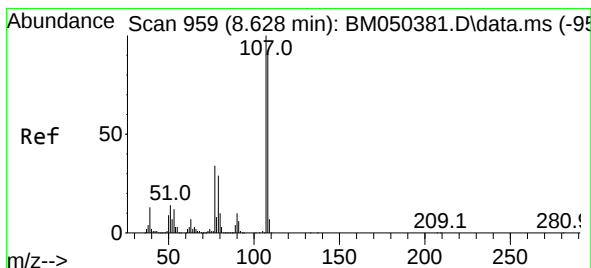
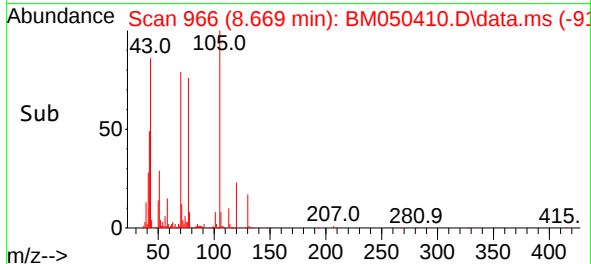
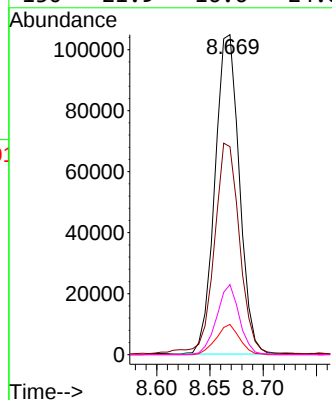
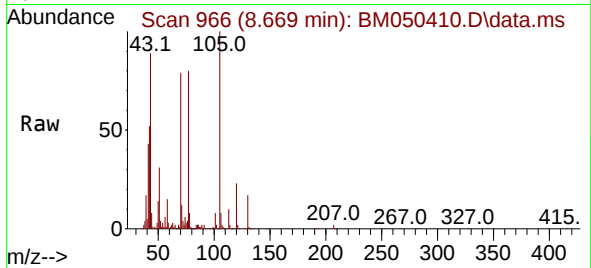




#19
n-Nitroso-di-n-propylamine
Concen: 9.119 ng
RT: 8.669 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

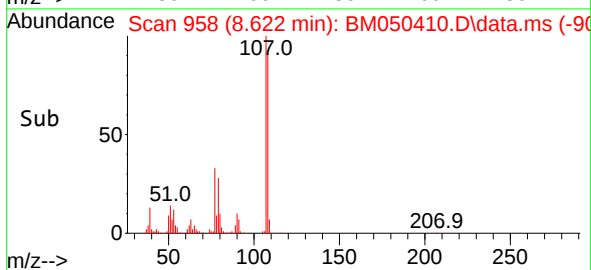
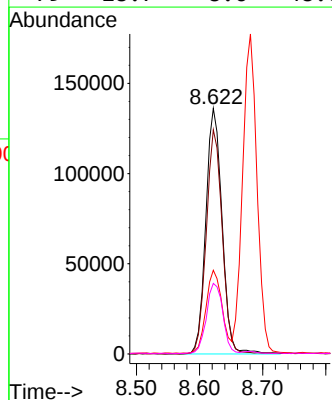
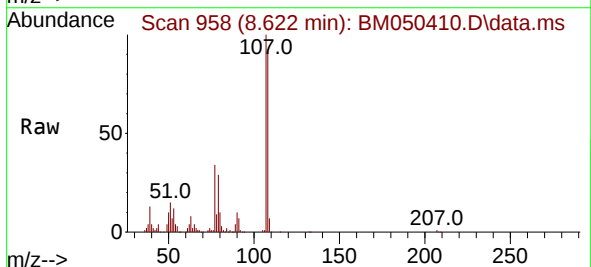
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

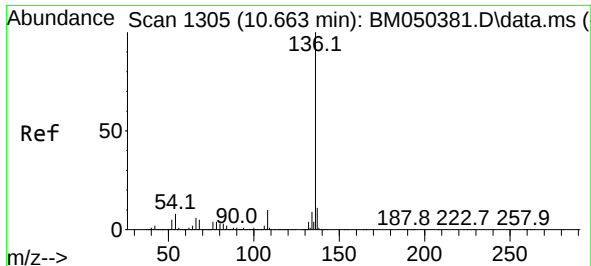
Tgt Ion: 70 Resp: 166810
Ion Ratio Lower Upper
70 100
42 65.0 49.7 74.5
101 9.5 7.7 11.5
130 21.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 8.879 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 107 Resp: 243473
Ion Ratio Lower Upper
107 100
108 91.3 71.5 111.5
77 34.1 13.7 53.7
79 28.7 8.6 48.6

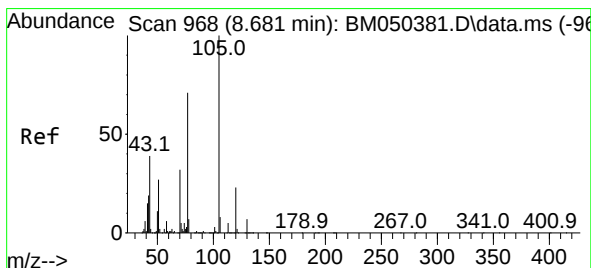
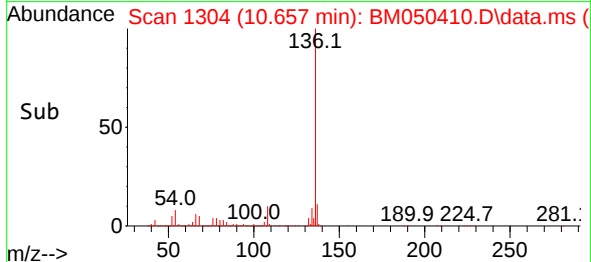
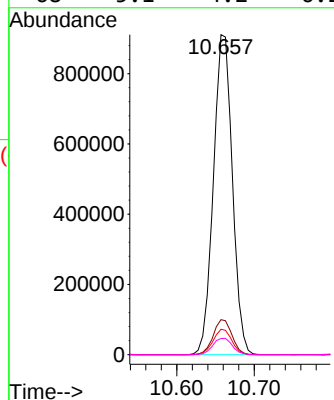
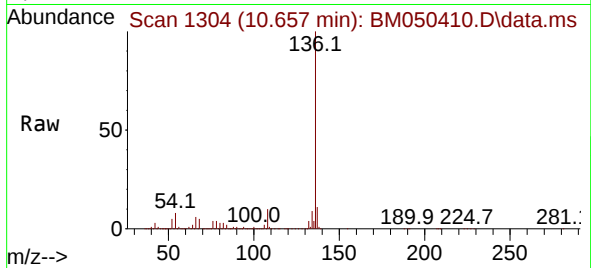




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

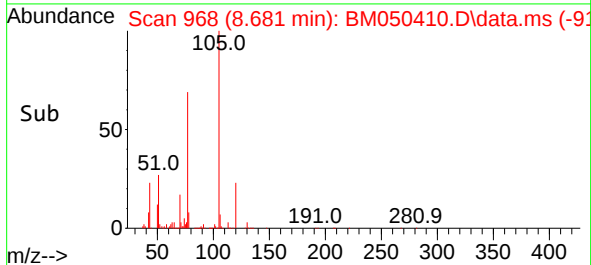
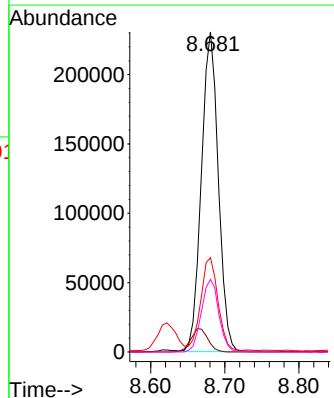
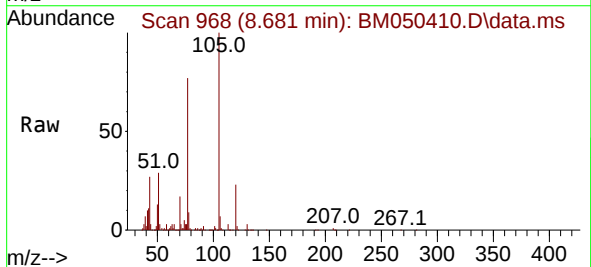
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

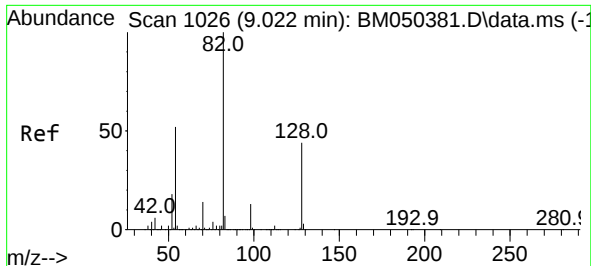
Tgt Ion:136 Resp: 1550625
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.3 9.5
68 5.1 4.2 6.2



#22
Acetophenone
Concen: 9.443 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:105 Resp: 366109
Ion Ratio Lower Upper
105 100
71 2.7 4.4 6.6#
51 29.4 23.0 34.6
120 22.7 18.3 27.5

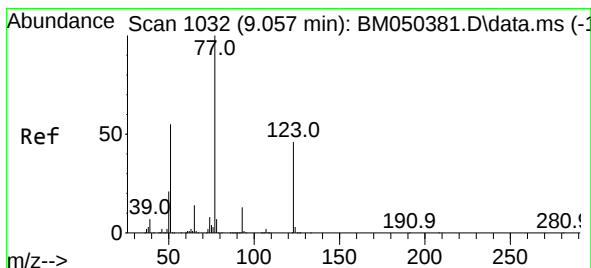
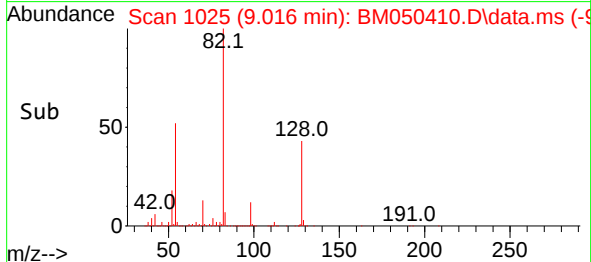
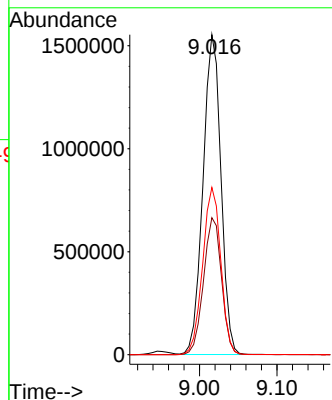
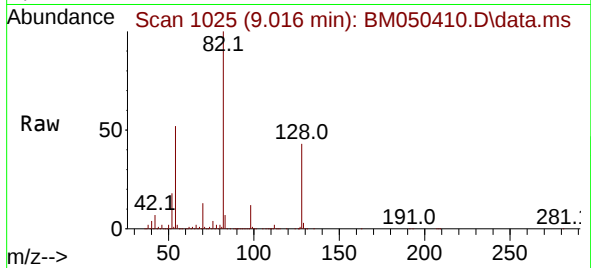




#23
Nitrobenzene-d5
Concen: 82.159 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

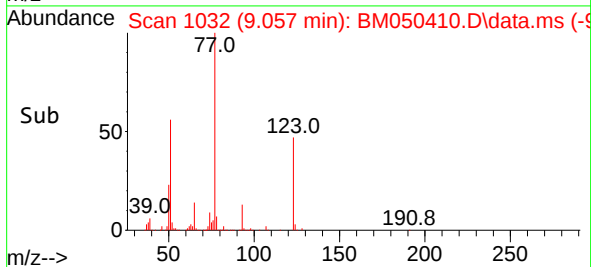
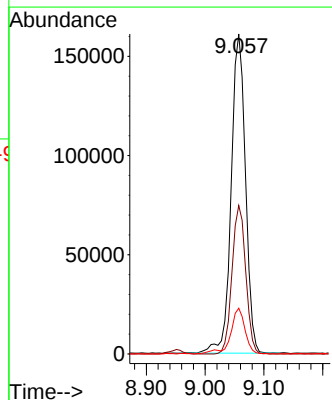
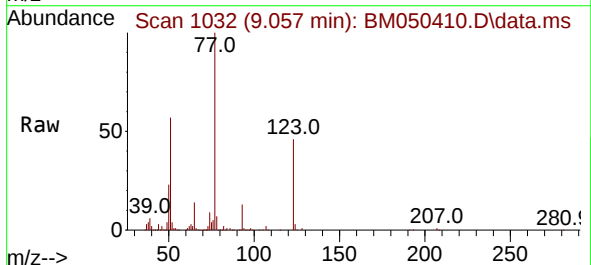
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

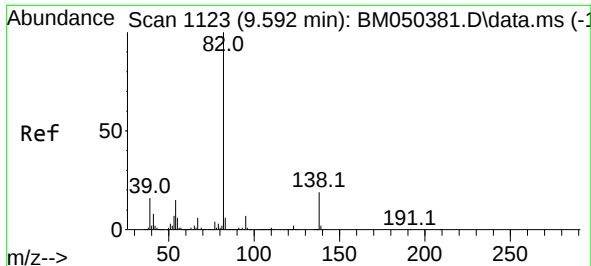
Tgt Ion: 82 Resp: 2497107
Ion Ratio Lower Upper
82 100
128 42.8 35.2 52.8
54 52.3 41.5 62.3



#24
Nitrobenzene
Concen: 10.024 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 77 Resp: 271869
Ion Ratio Lower Upper
77 100
123 46.4 37.0 55.6
65 14.3 11.0 16.4





#25

Isophorone

Concen: 8.891 ng

RT: 9.586 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BM050410.D

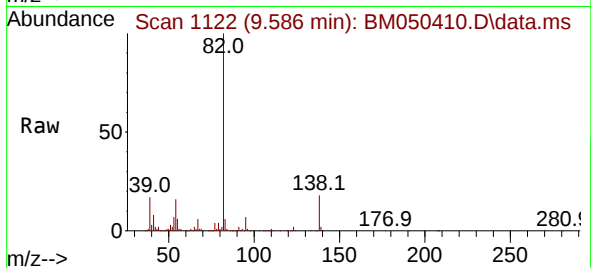
Acq: 11 Jul 2025 13:02

Instrument :

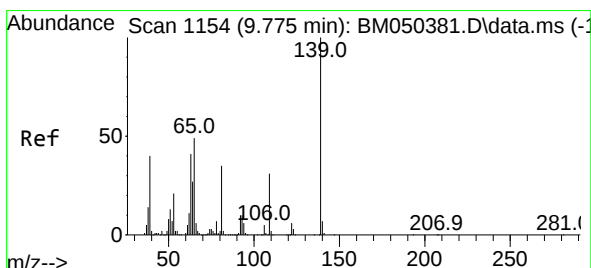
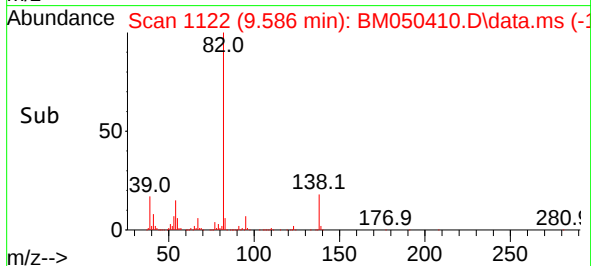
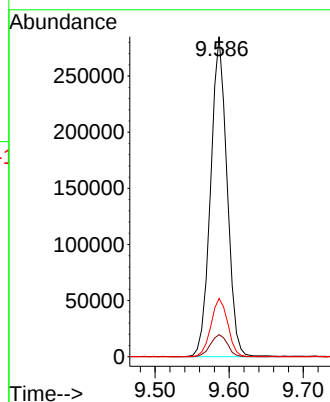
BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025



Tgt Ion:	82	Resp:	438511
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	18.2	15.3	22.9



#26

2-Nitrophenol

Concen: 8.404 ng

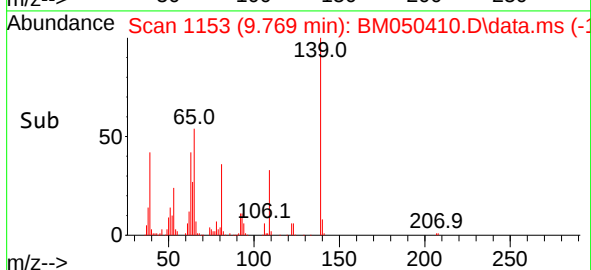
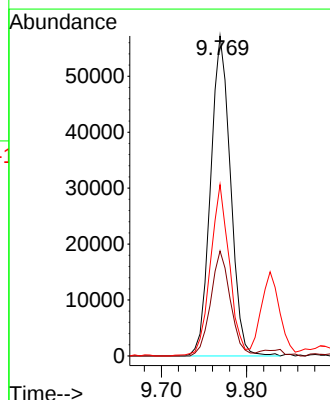
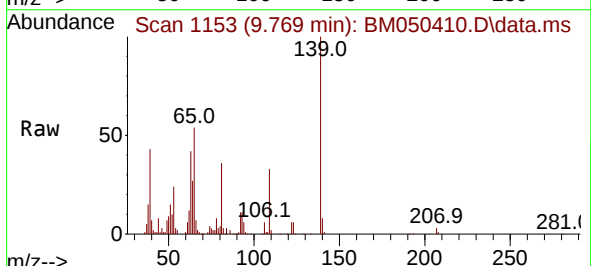
RT: 9.769 min Scan# 1153

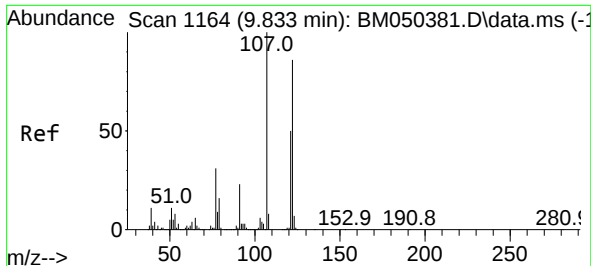
Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Tgt Ion:	139	Resp:	92898
Ion Ratio	Lower	Upper	
139	100		
109	32.8	24.6	36.8
65	53.6	39.2	58.8

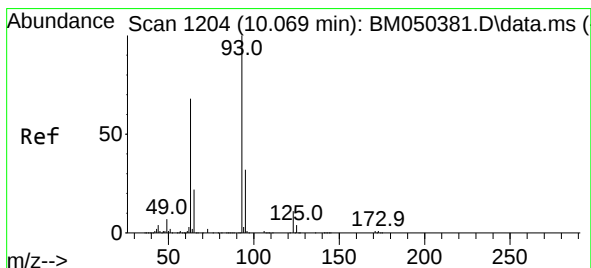
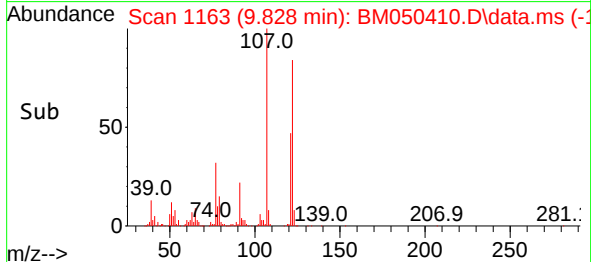
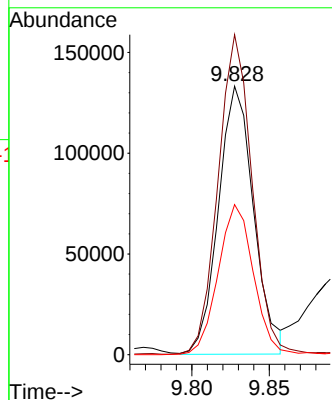
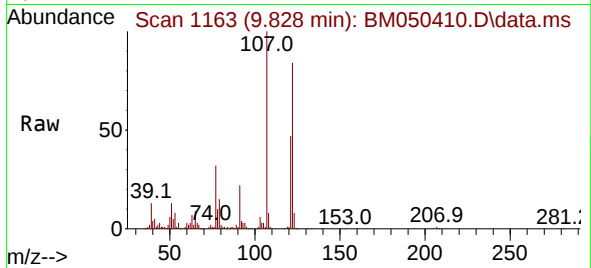




#27
2,4-Dimethylphenol
Concen: 8.936 ng
RT: 9.828 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

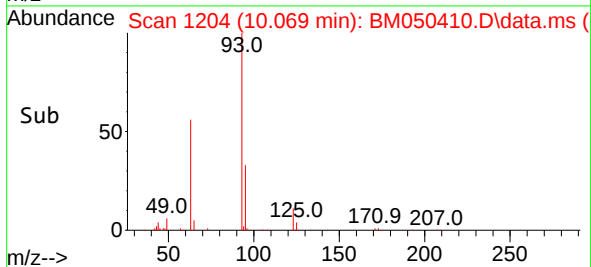
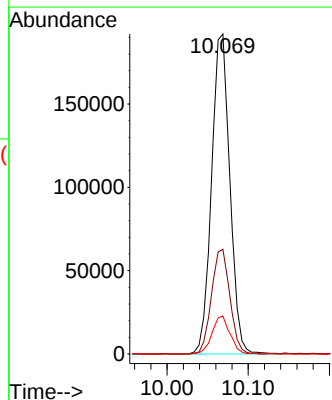
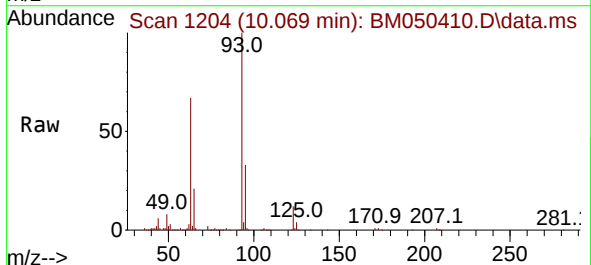
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

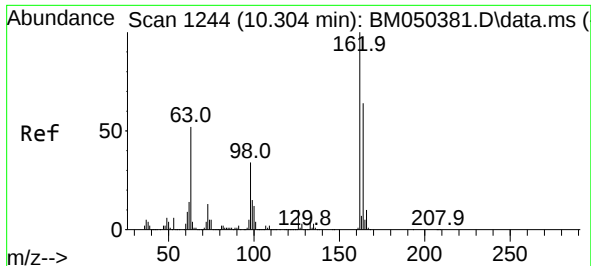
Tgt Ion:122 Resp: 210180
Ion Ratio Lower Upper
122 100
107 119.2 93.0 139.6
121 55.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 9.192 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 93 Resp: 300400
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 8.882 ng

RT: 10.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

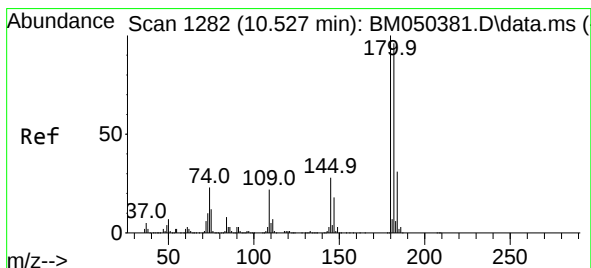
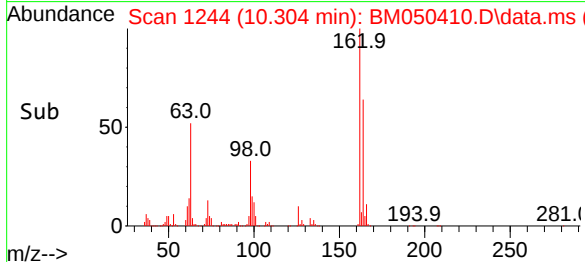
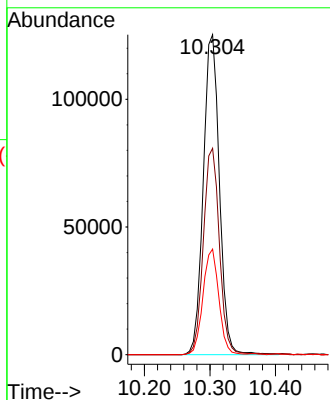
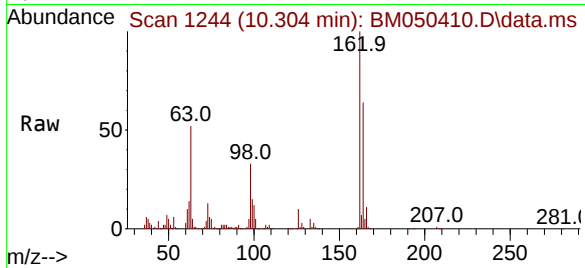
Tgt Ion:162 Resp: 214641

Ion Ratio Lower Upper

162 100

164 64.5 43.7 83.7

98 33.0 13.7 53.7



#30

1,2,4-Trichlorobenzene

Concen: 9.334 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

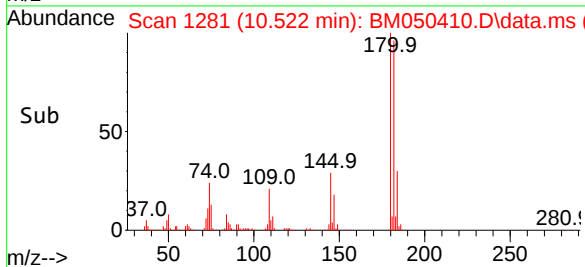
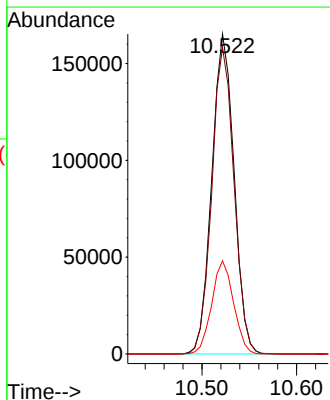
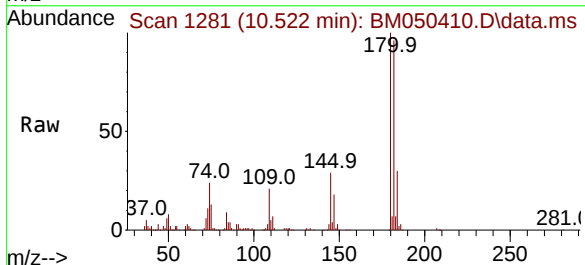
Tgt Ion:180 Resp: 269837

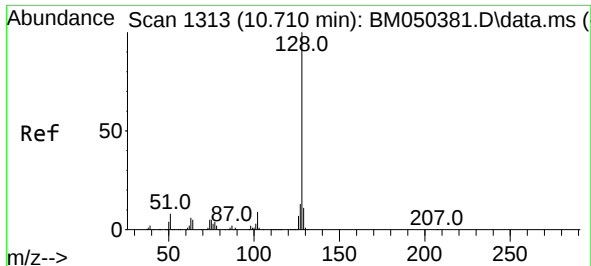
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

145 29.1 22.6 33.8

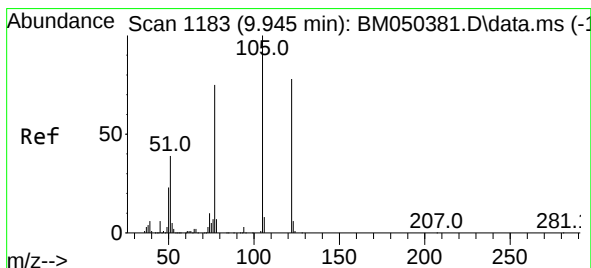
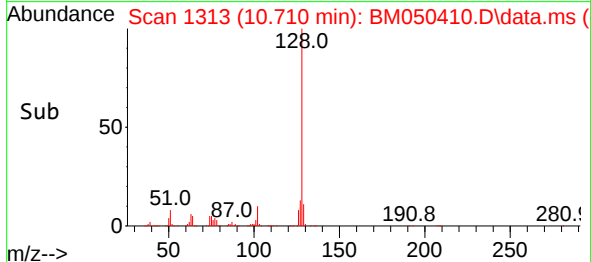
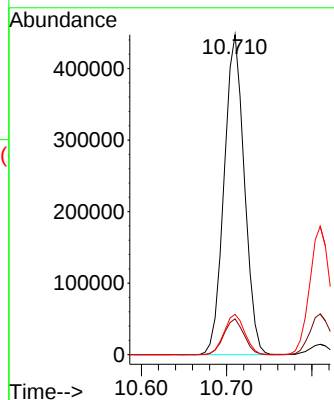
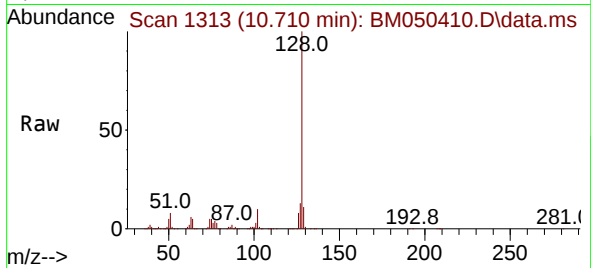




#31
Naphthalene
Concen: 9.359 ng
RT: 10.710 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

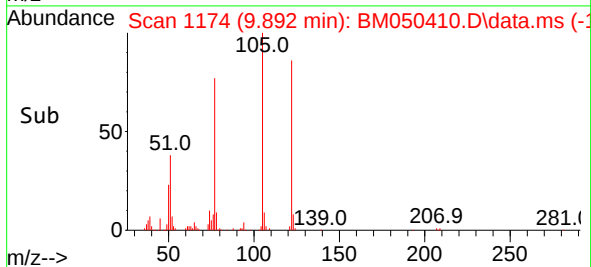
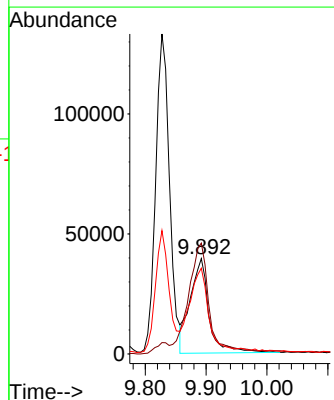
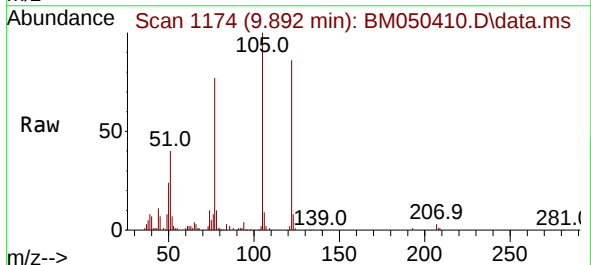
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

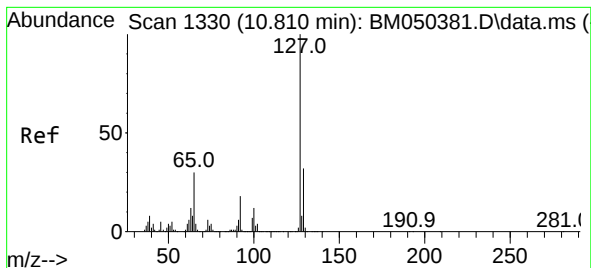
Tgt Ion:128 Resp: 737142
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.6 10.4 15.6



#32
Benzoic acid
Concen: 11.114 ng
RT: 9.892 min Scan# 1174
Delta R.T. -0.053 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:122 Resp: 84760
Ion Ratio Lower Upper
122 100
105 116.2 104.0 144.0
77 90.0 73.8 113.8





#33

4-Chloroaniline

Concen: 9.021 ng

RT: 10.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:127 Resp: 300381

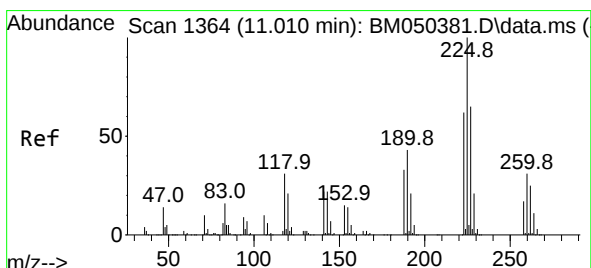
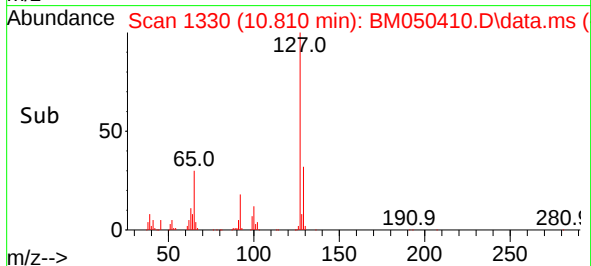
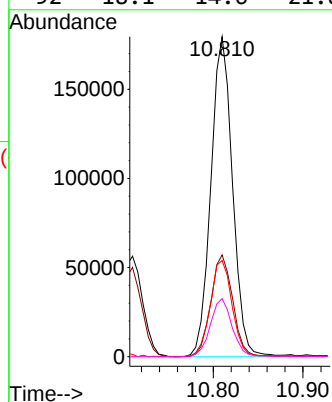
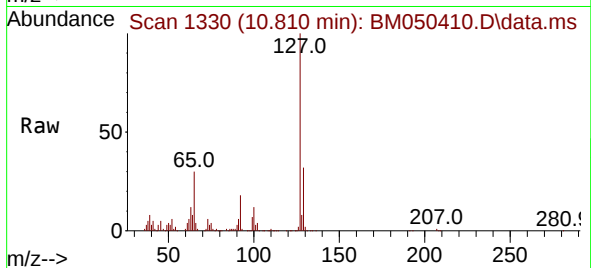
Ion Ratio Lower Upper

127 100

129 31.8 25.5 38.3

65 30.0 23.9 35.9

92 18.1 14.6 21.8



#34

Hexachlorobutadiene

Concen: 9.055 ng

RT: 11.004 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

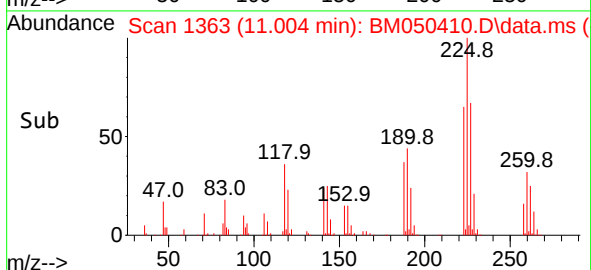
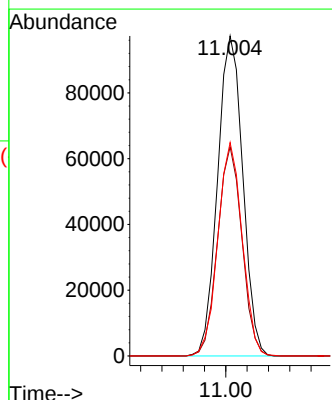
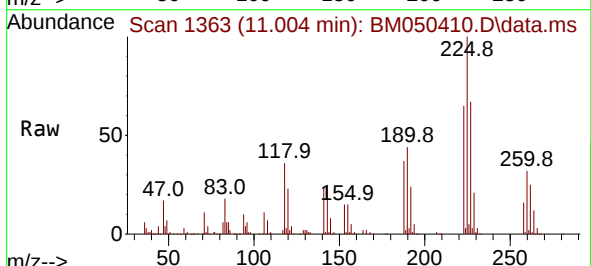
Tgt Ion:225 Resp: 159769

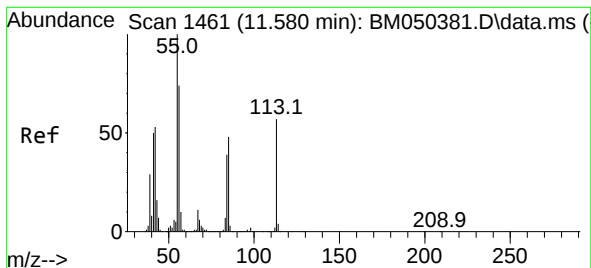
Ion Ratio Lower Upper

225 100

223 65.4 49.7 74.5

227 66.7 52.1 78.1





#35

Caprolactam

Concen: 7.712 ng

RT: 11.563 min Scan# 1458

Delta R.T. -0.018 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

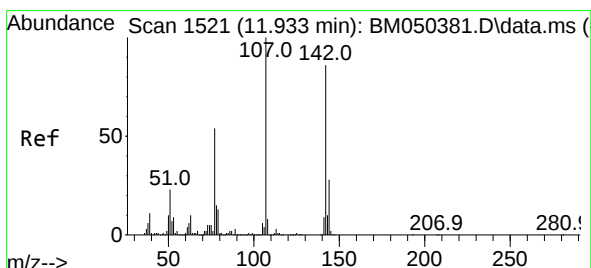
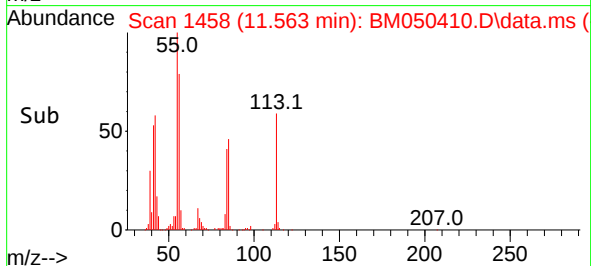
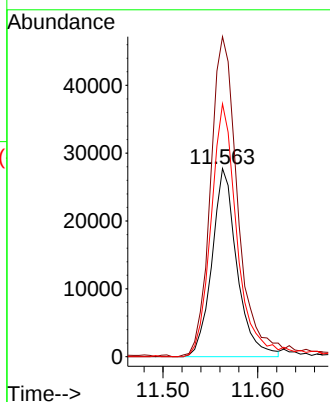
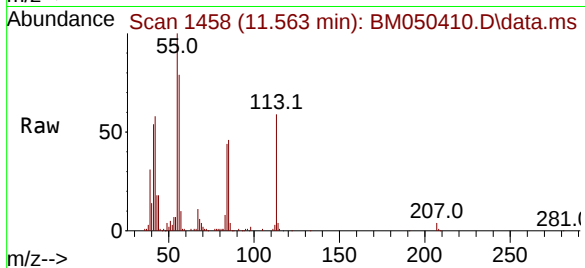
Tgt Ion:113 Resp: 50877

Ion Ratio Lower Upper

113 100

55 170.0 157.2 197.2

56 134.3 111.7 151.7



#36

4-Chloro-3-methylphenol

Concen: 8.738 ng

RT: 11.927 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

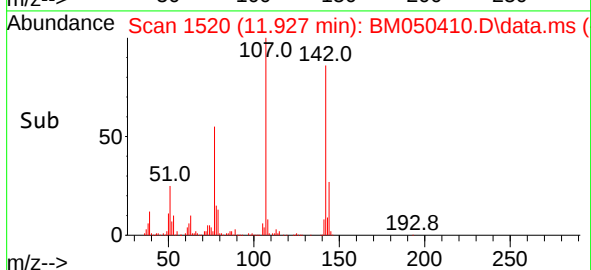
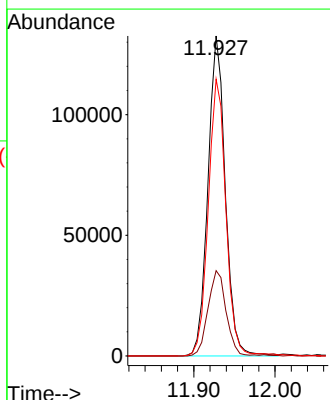
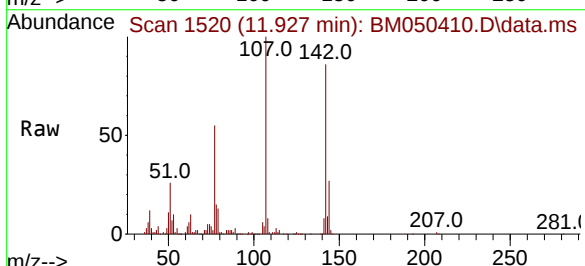
Tgt Ion:107 Resp: 197174

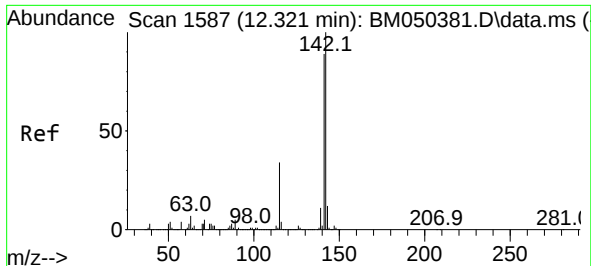
Ion Ratio Lower Upper

107 100

144 26.7 22.2 33.4

142 86.5 68.7 103.1

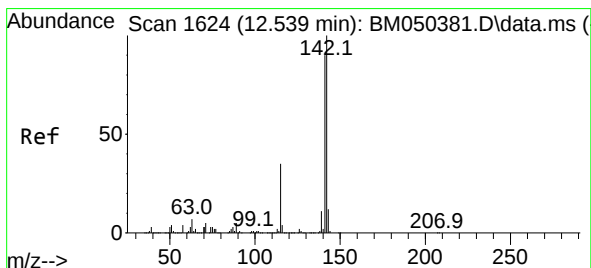
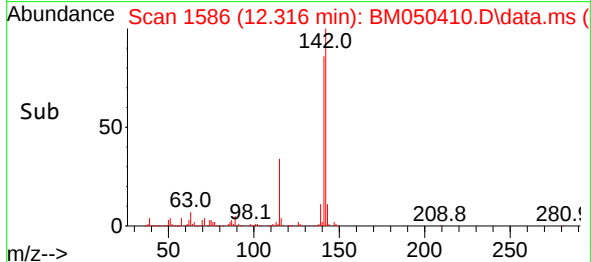
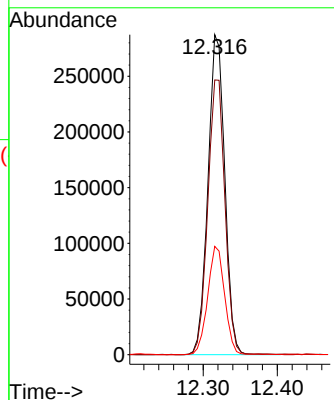
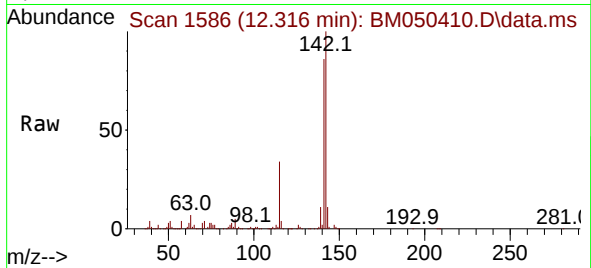




#37
2-Methylnaphthalene
Concen: 9.114 ng
RT: 12.316 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

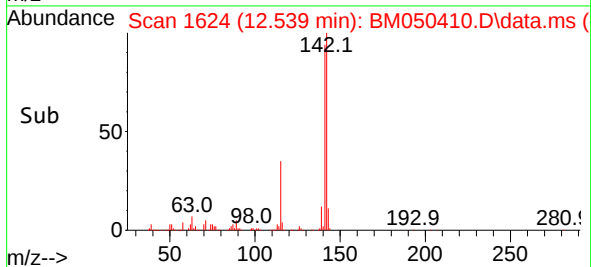
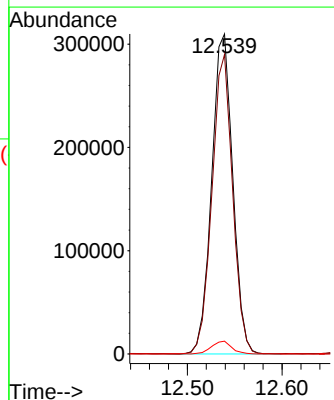
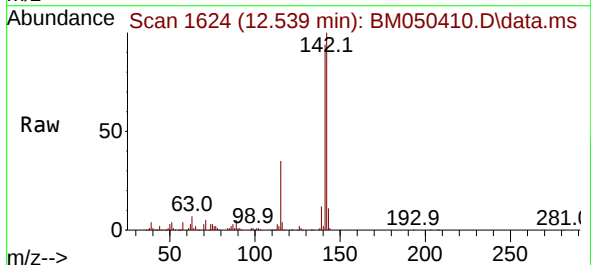
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

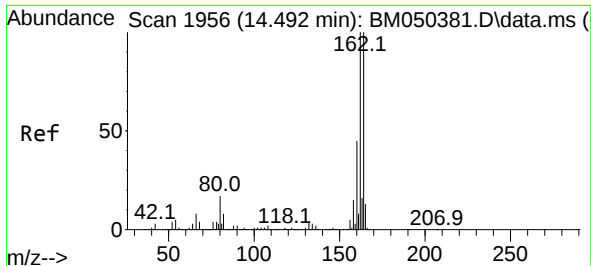
Tgt Ion:142 Resp: 453252
Ion Ratio Lower Upper
142 100
141 85.9 70.8 106.2
115 33.9 27.0 40.4



#38
1-Methylnaphthalene
Concen: 9.109 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:142 Resp: 479383
Ion Ratio Lower Upper
142 100
141 93.6 71.9 107.9
116 4.0 3.0 4.6

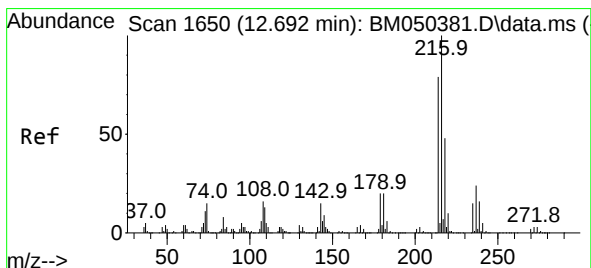
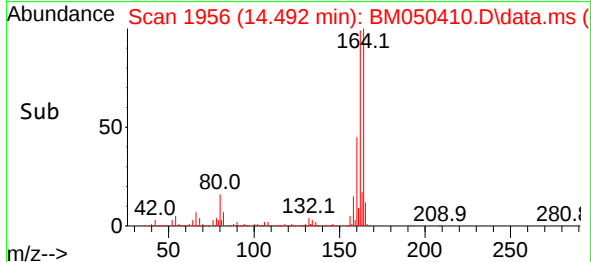
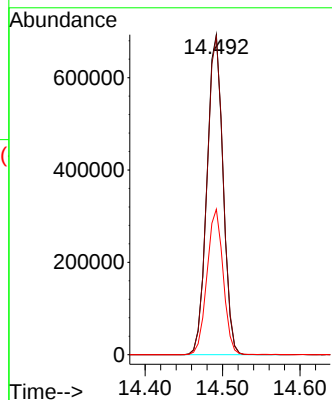
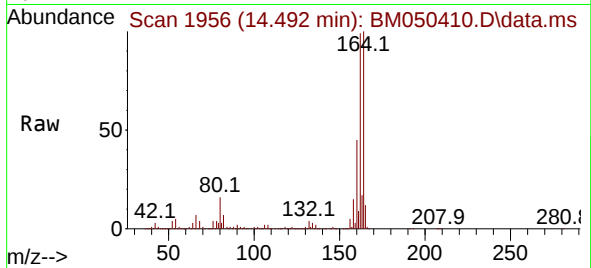




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

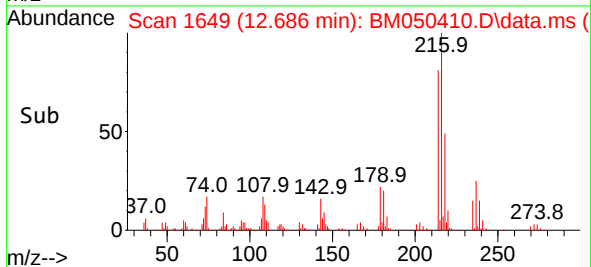
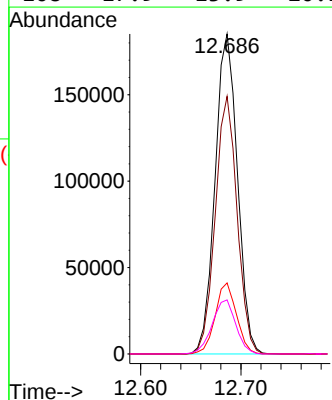
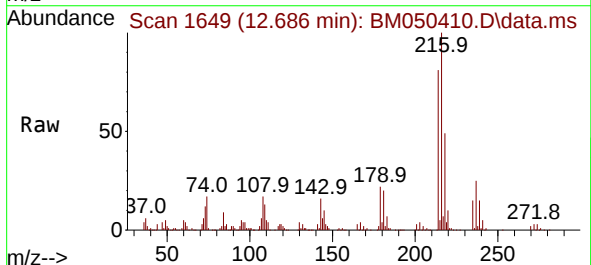
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

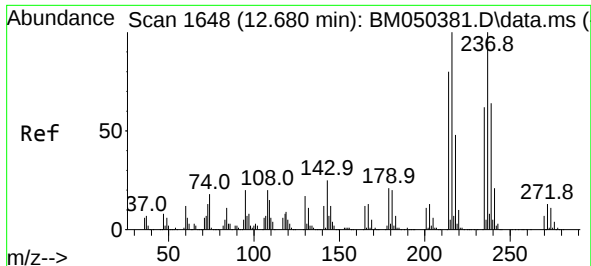
Tgt Ion:164 Resp: 997585
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 45.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.043 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:216 Resp: 286886
Ion Ratio Lower Upper
216 100
214 78.6 63.3 94.9
179 21.1 16.4 24.6
108 17.9 13.9 20.9

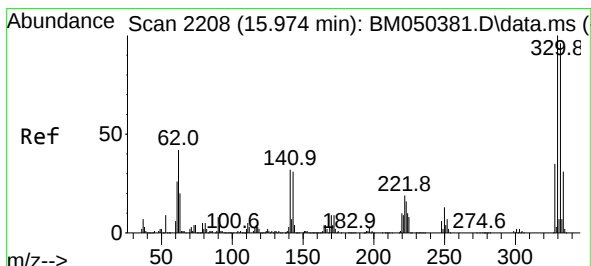
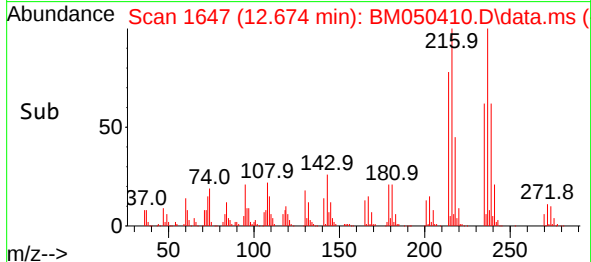
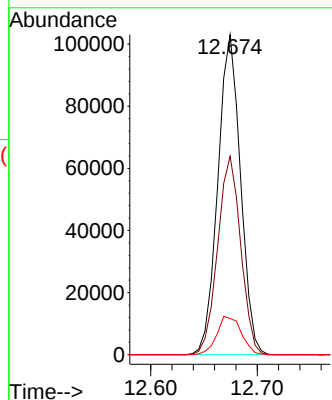
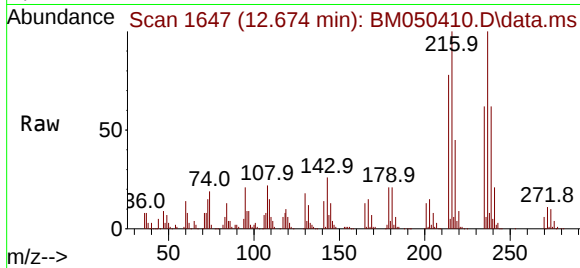




#41
Hexachlorocyclopentadiene
Concen: 7.510 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

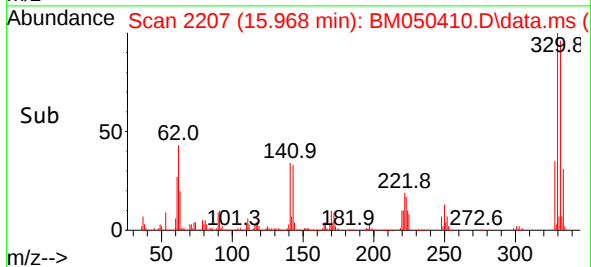
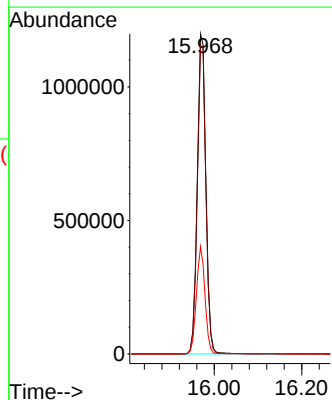
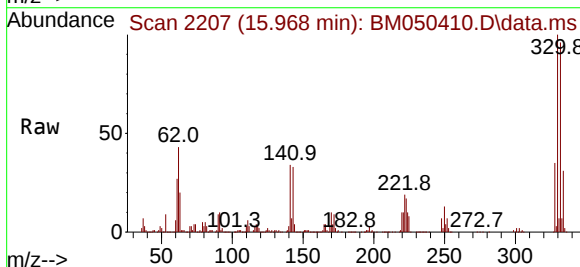
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

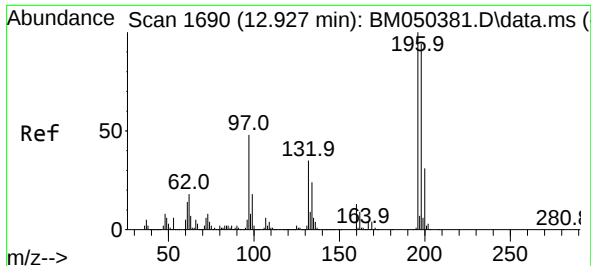
Tgt Ion:237 Resp: 152285
Ion Ratio Lower Upper
237 100
235 62.0 42.3 82.3
272 11.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 135.274 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:330 Resp: 1639619
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.6 27.4 41.0

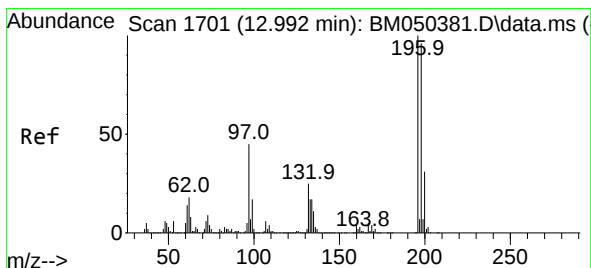
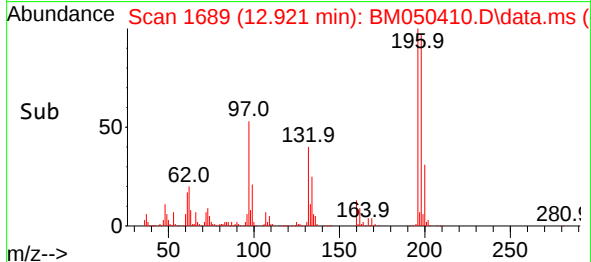
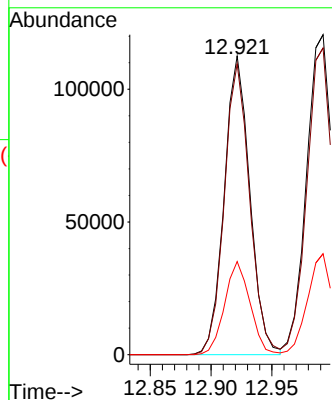
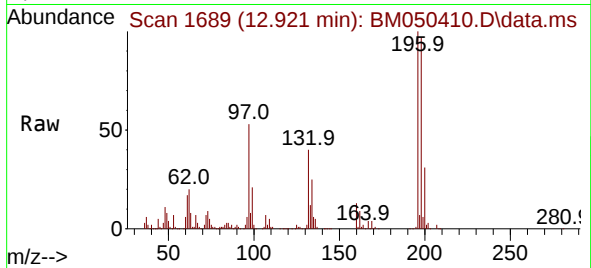




#43
2,4,6-Trichlorophenol
Concen: 8.443 ng
RT: 12.921 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

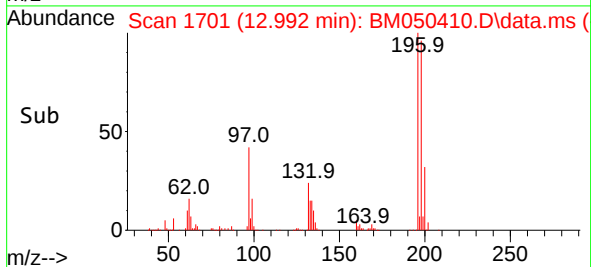
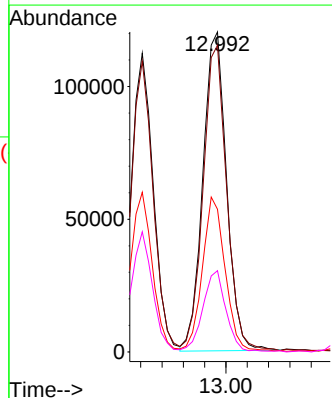
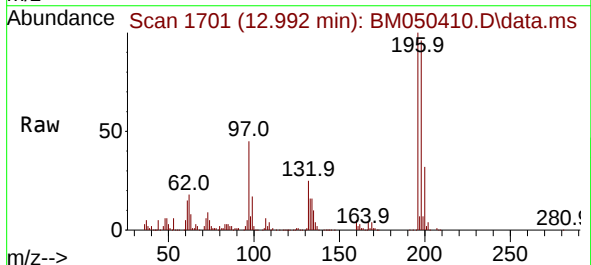
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

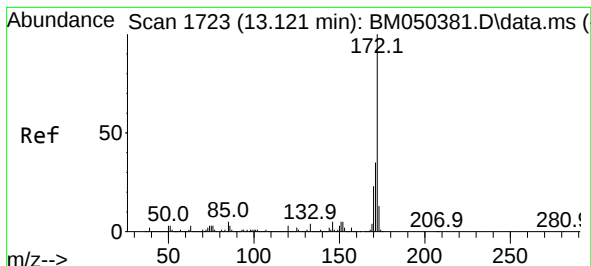
Tgt Ion:196 Resp: 164880
Ion Ratio Lower Upper
196 100
198 97.4 75.1 112.7
200 31.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 8.716 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:196 Resp: 185886
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 44.6 36.2 54.4
132 25.4 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 80.462 ng

RT: 13.121 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

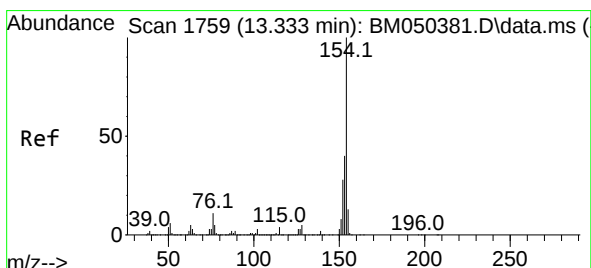
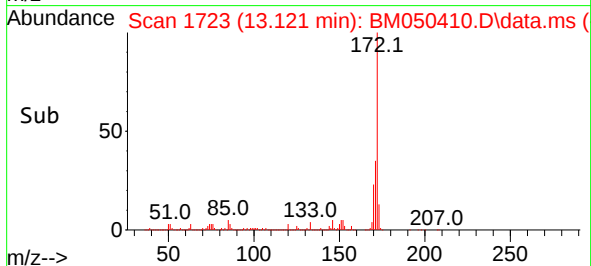
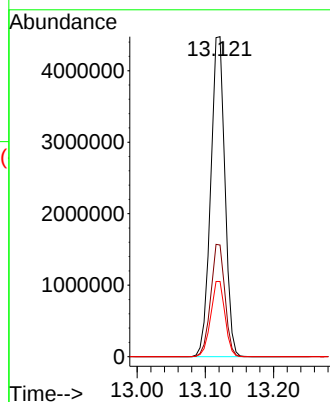
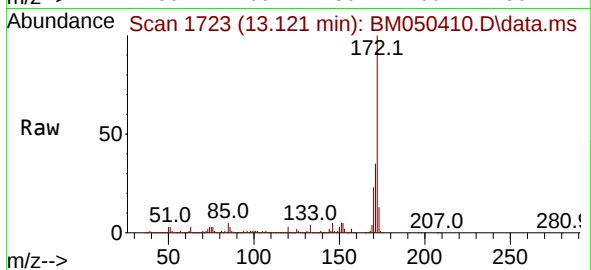
Tgt Ion:172 Resp: 6499758

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 9.490 ng

RT: 13.327 min Scan# 1758

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

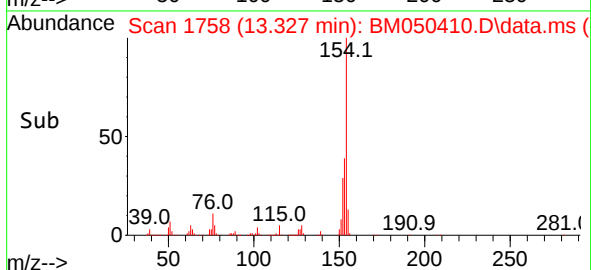
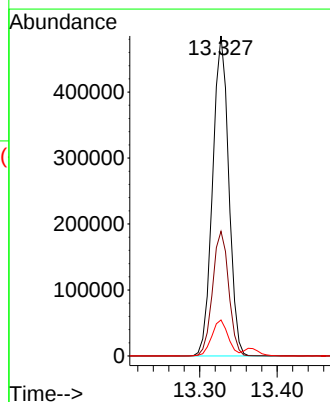
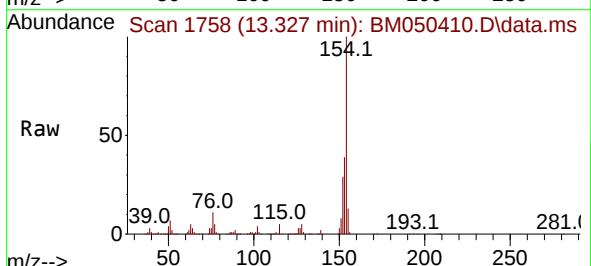
Tgt Ion:154 Resp: 702429

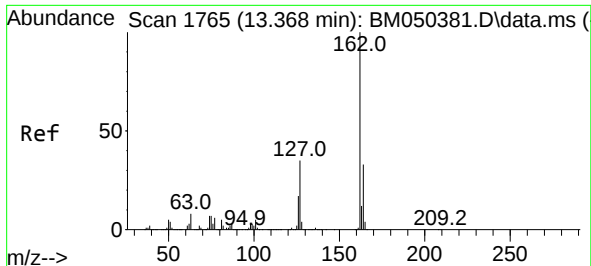
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 11.3 0.0 30.9

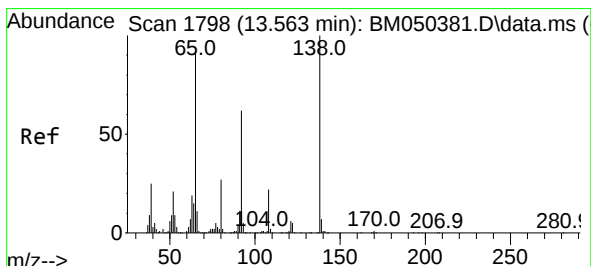
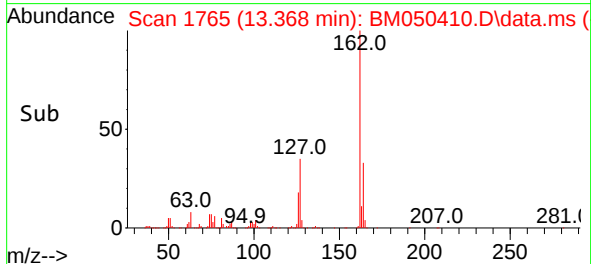
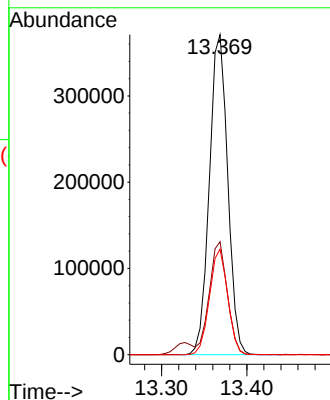
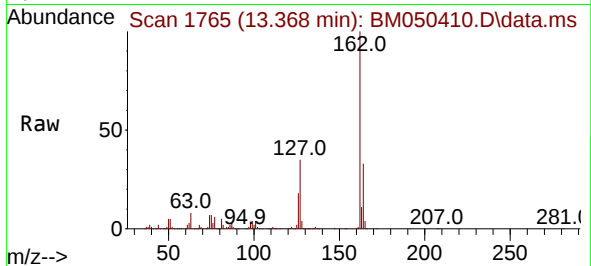




#47
2-Chloronaphthalene
Concen: 9.403 ng
RT: 13.368 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

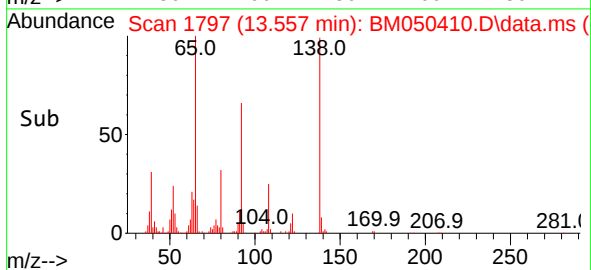
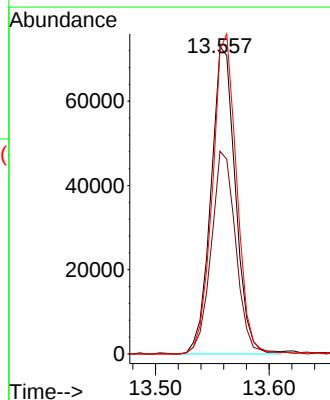
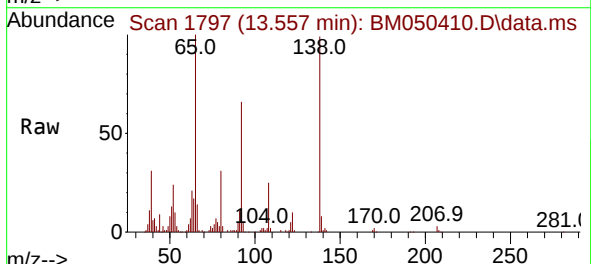
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

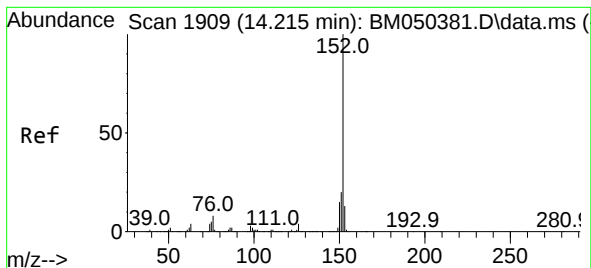
Tgt Ion:162 Resp: 554873
Ion Ratio Lower Upper
162 100
127 35.3 28.3 42.5
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 8.301 ng
RT: 13.557 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion: 65 Resp: 109336
Ion Ratio Lower Upper
65 100
92 65.9 54.3 81.5
138 99.1 87.8 131.6





#49

Acenaphthylene

Concen: 9.094 ng

RT: 14.210 min Scan# 1908

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

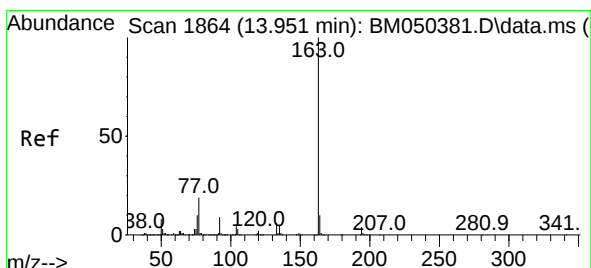
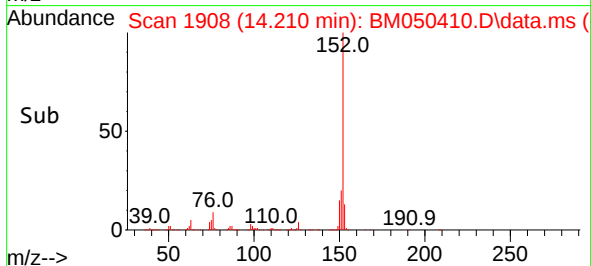
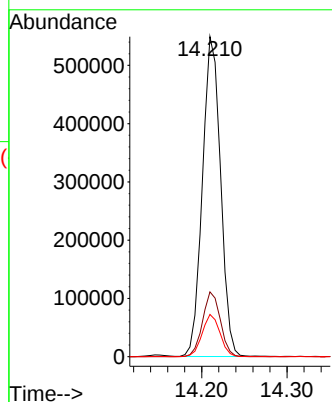
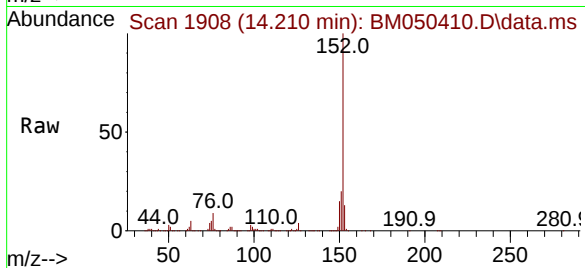
Tgt Ion:152 Resp: 811056

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 9.325 ng

RT: 13.945 min Scan# 1863

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

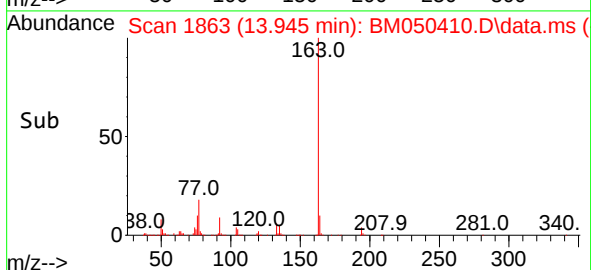
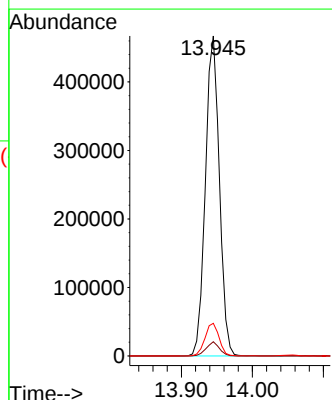
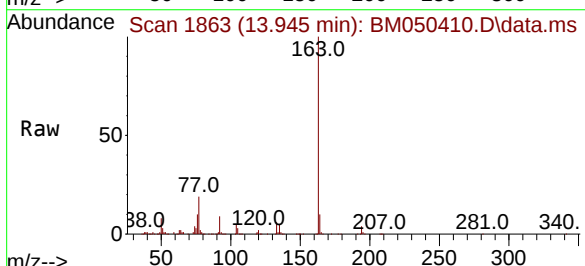
Tgt Ion:163 Resp: 640440

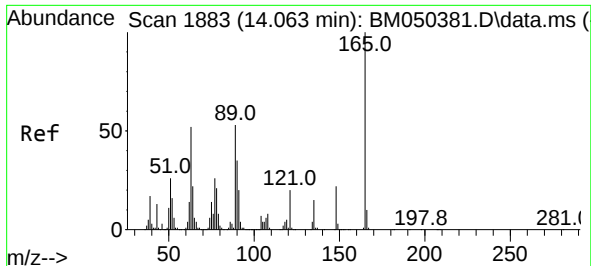
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.2 8.2 12.2

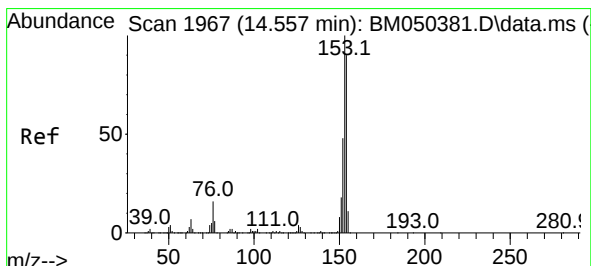
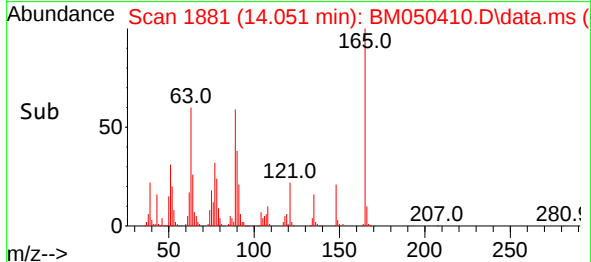
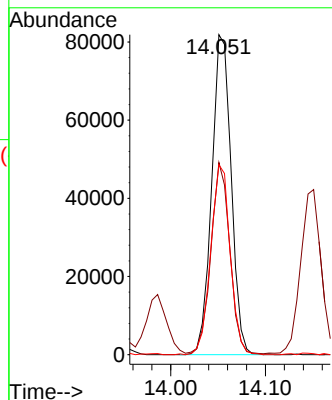
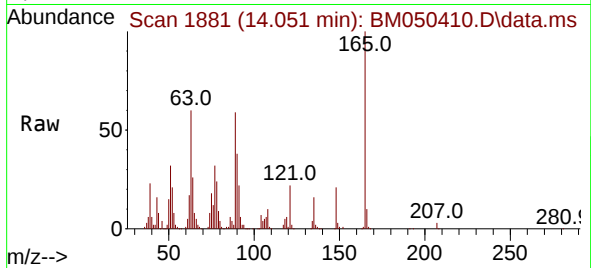




#51
2,6-Dinitrotoluene
Concen: 8.844 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

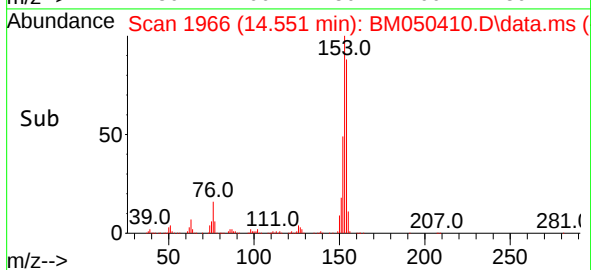
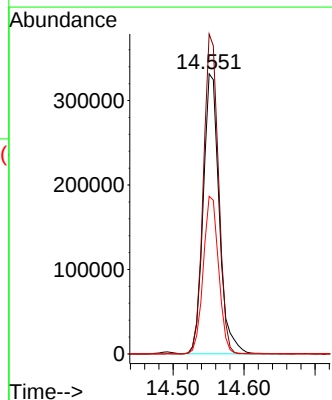
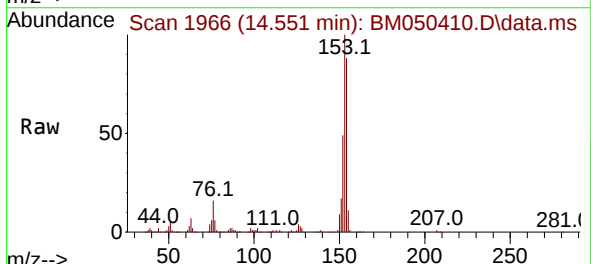
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

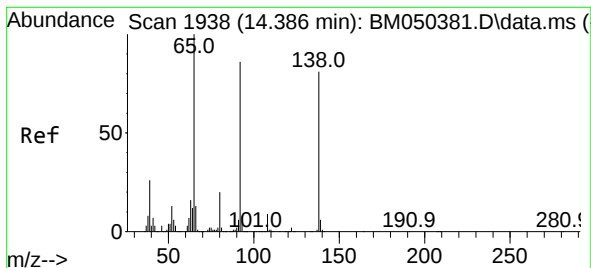
Tgt Ion:165 Resp: 116630
Ion Ratio Lower Upper
165 100
63 60.1 42.4 63.6
89 59.3 42.2 63.2



#52
Acenaphthene
Concen: 9.150 ng
RT: 14.551 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:154 Resp: 518788
Ion Ratio Lower Upper
154 100
153 114.2 89.2 133.8
152 56.2 42.6 64.0





#53

3-Nitroaniline

Concen: 8.561 ng

RT: 14.380 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

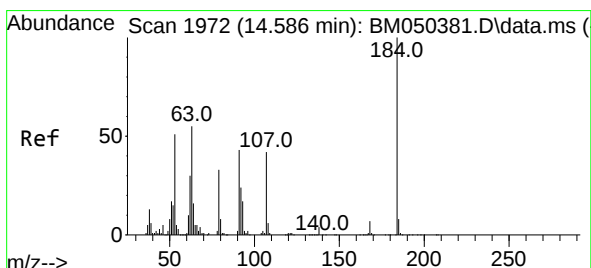
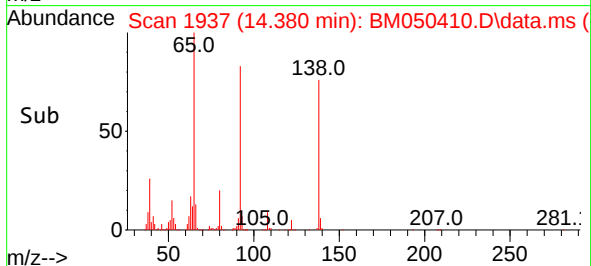
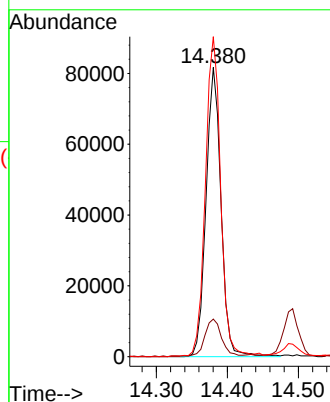
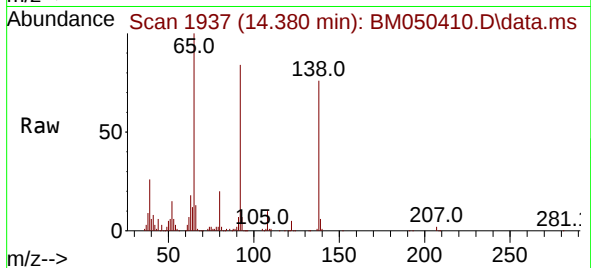
Tgt Ion:138 Resp: 120066

Ion Ratio Lower Upper

138 100

108 13.0 8.8 13.2

92 110.6 85.0 127.6



#54

2,4-Dinitrophenol

Concen: 11.163 ng

RT: 14.586 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

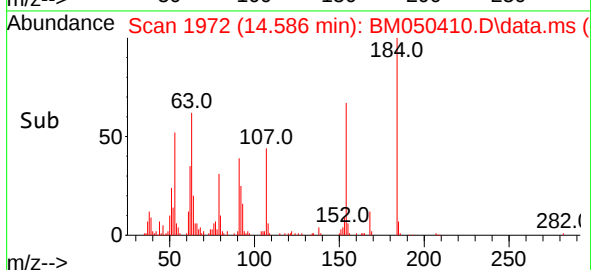
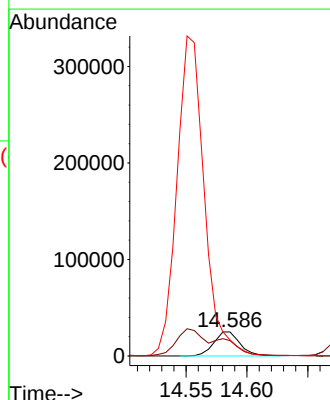
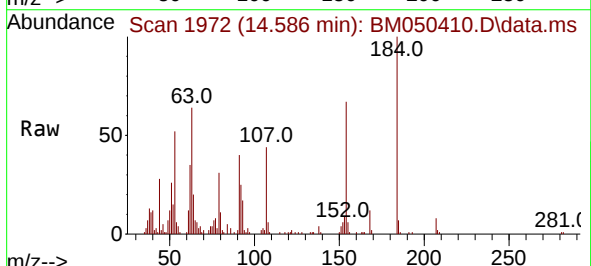
Tgt Ion:184 Resp: 37617

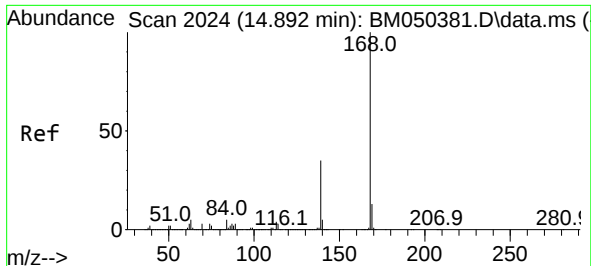
Ion Ratio Lower Upper

184 100

63 64.0 53.4 80.0

154 67.3 61.6 92.4

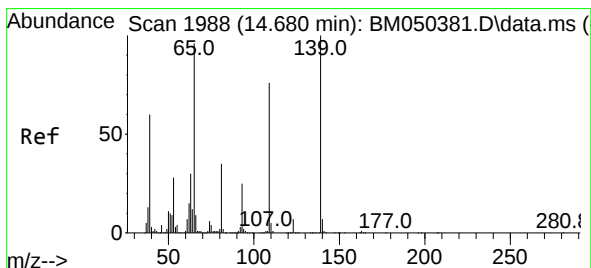
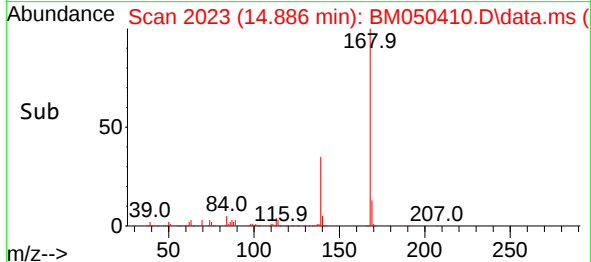
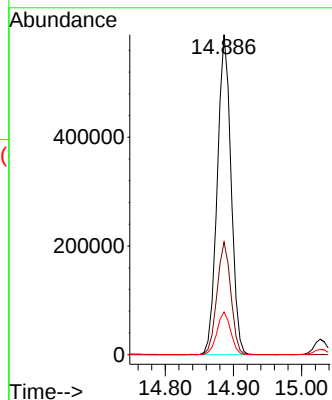
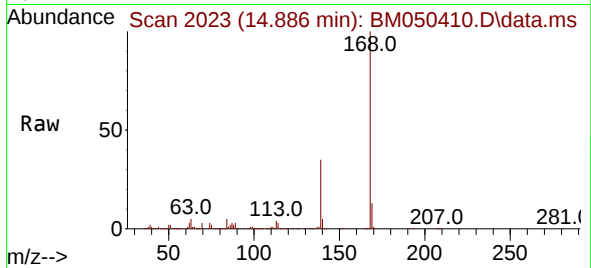




#55
Dibenzenofuran
Concen: 9.471 ng
RT: 14.886 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

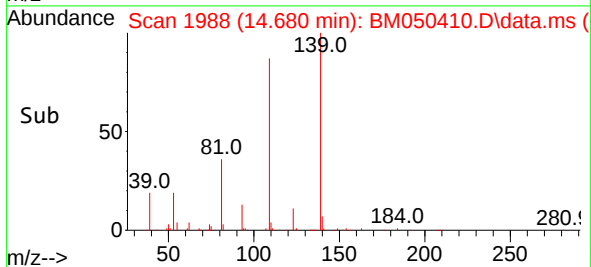
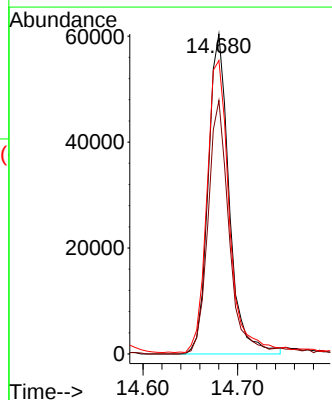
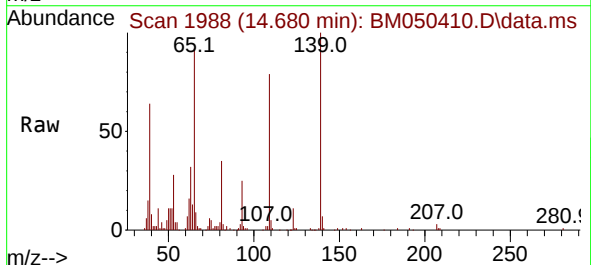
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

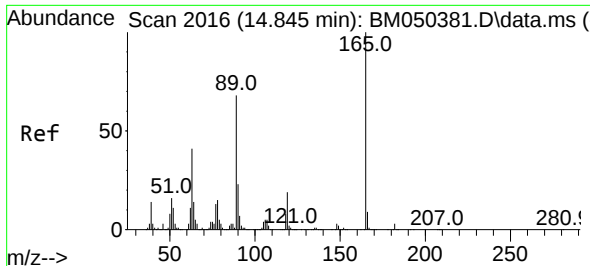
Tgt Ion:168 Resp: 827444
Ion Ratio Lower Upper
168 100
139 35.2 27.7 41.5
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 7.720 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:139 Resp: 93101
Ion Ratio Lower Upper
139 100
109 79.2 56.5 96.5
65 91.7 76.4 116.4

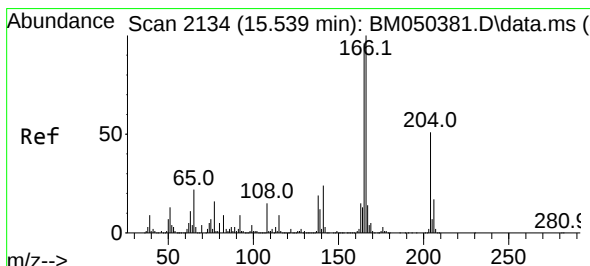
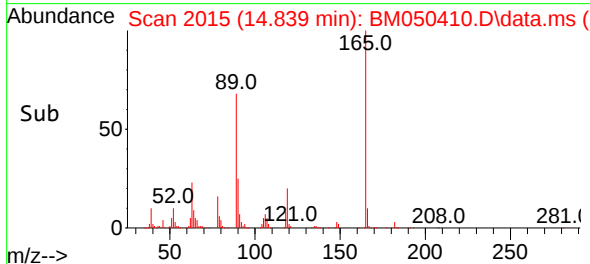
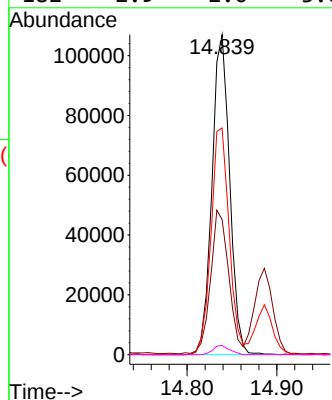
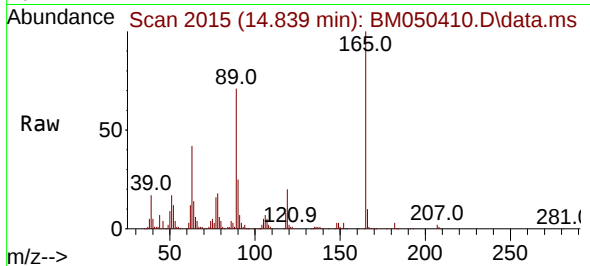




#57
2,4-Dinitrotoluene
Concen: 9.736 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

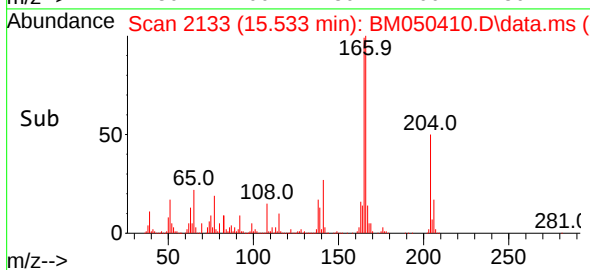
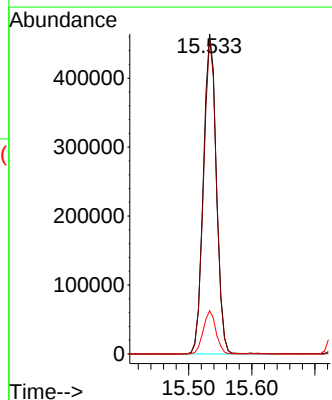
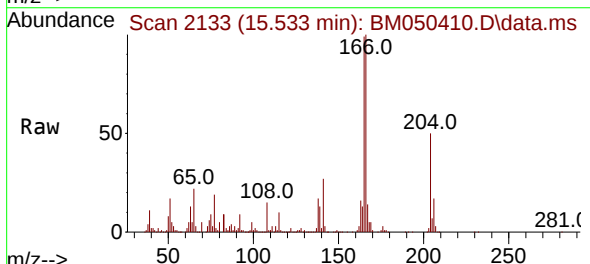
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

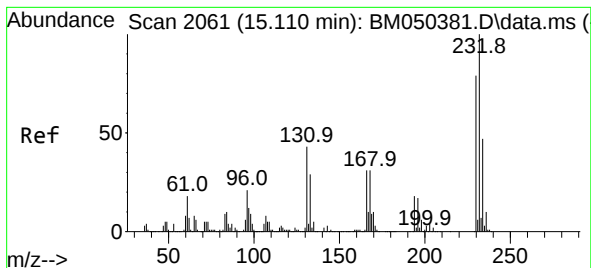
Tgt Ion:165 Resp: 146743
Ion Ratio Lower Upper
165 100
63 42.2 32.5 48.7
89 70.9 54.0 81.0
182 2.9 2.0 3.0



#58
Fluorene
Concen: 9.180 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:166 Resp: 660614
Ion Ratio Lower Upper
166 100
165 98.9 77.0 115.6
167 13.5 10.9 16.3

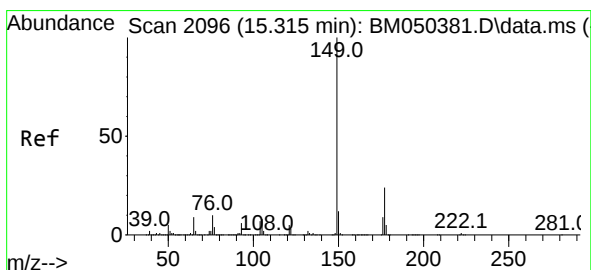
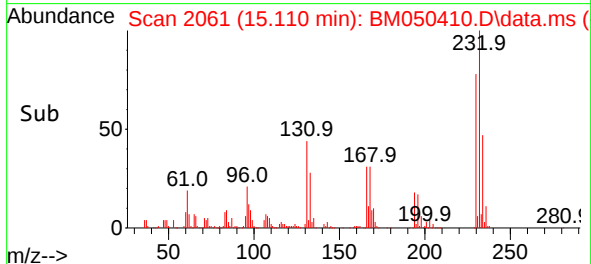
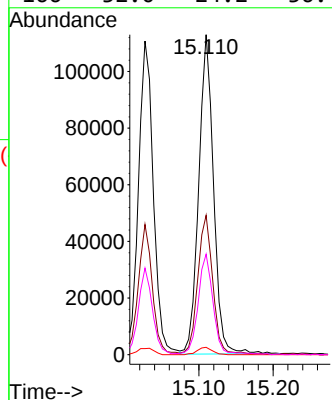
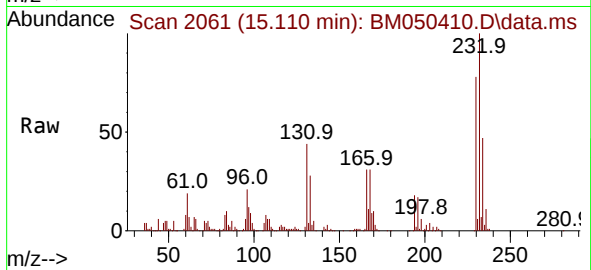




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.755 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

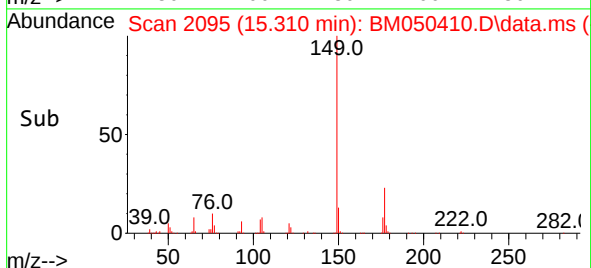
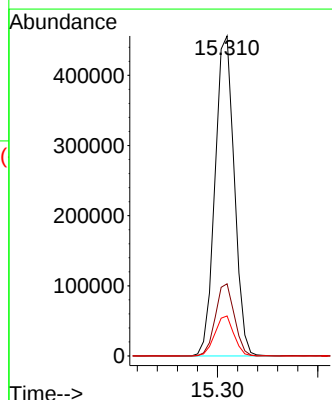
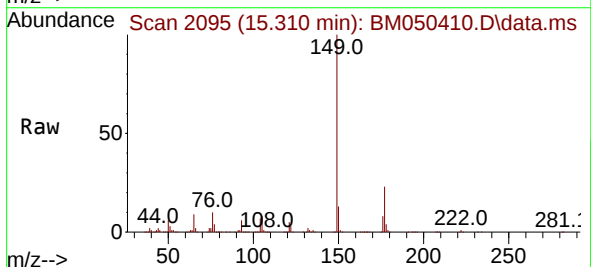
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

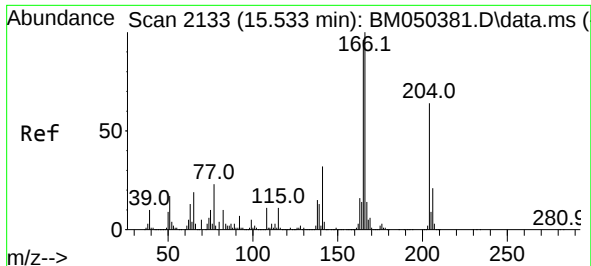
Tgt Ion:232 Resp: 157174
Ion Ratio Lower Upper
232 100
131 43.4 33.4 50.0
130 2.3 1.8 2.6
166 32.0 24.2 36.4



#60
Diethylphthalate
Concen: 9.256 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:149 Resp: 607288
Ion Ratio Lower Upper
149 100
177 22.5 18.8 28.2
150 12.5 9.8 14.8

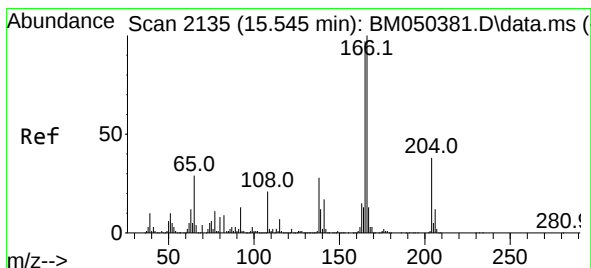
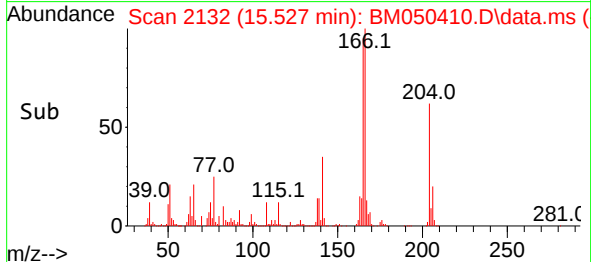
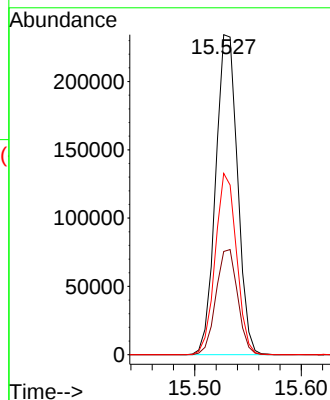
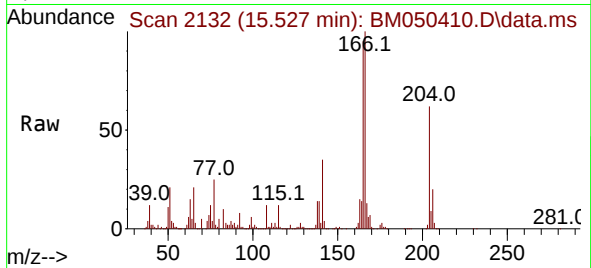




#61
4-Chlorophenyl-phenylether
Concen: 8.843 ng
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

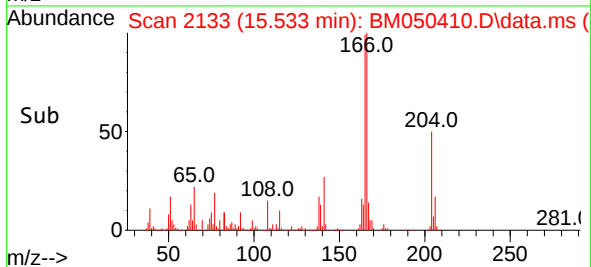
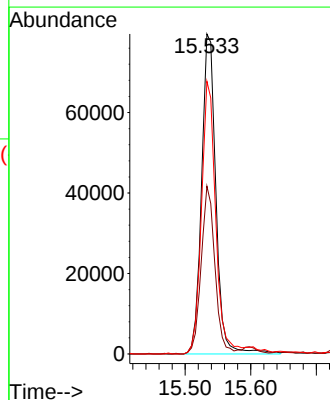
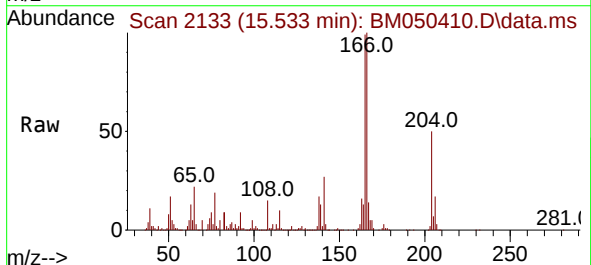
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

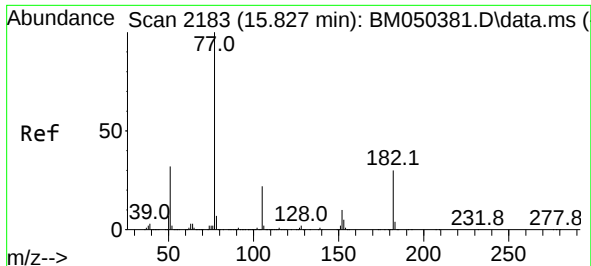
Tgt Ion:204 Resp: 332744
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 56.7 39.9 59.9



#62
4-Nitroaniline
Concen: 9.703 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.012 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:138 Resp: 121275
Ion Ratio Lower Upper
138 100
92 52.4 24.5 64.5
108 85.2 52.5 92.5

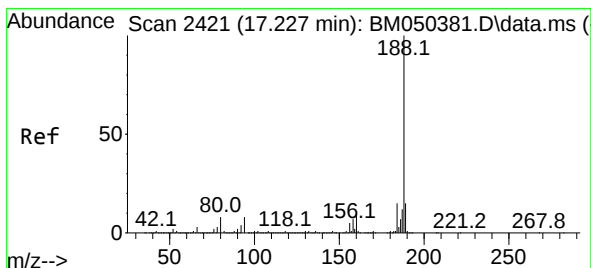
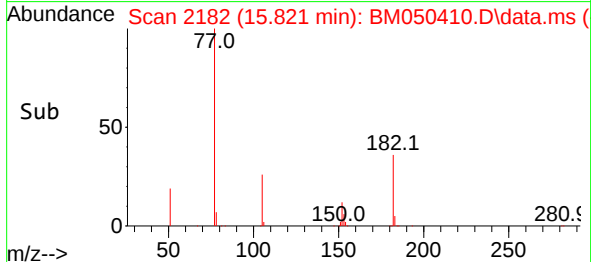
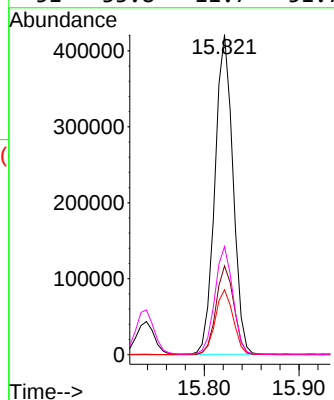
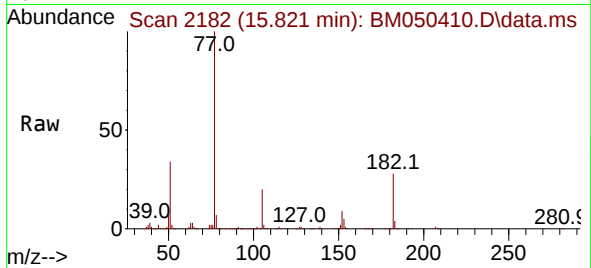




#63
 Azobenzene
 Concen: 9.240 ng
 RT: 15.821 min Scan# 2183
 Delta R.T. -0.006 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

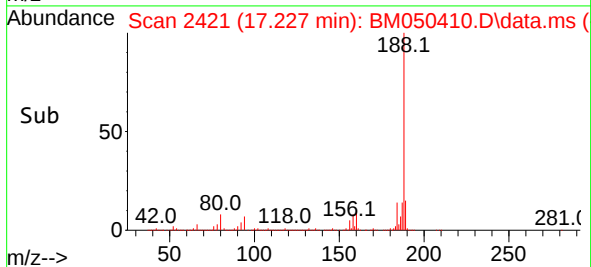
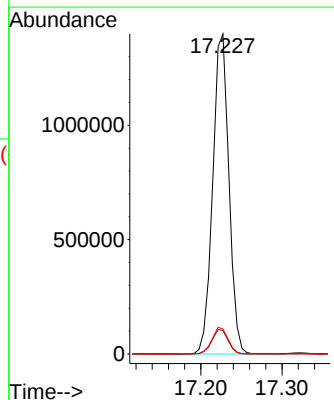
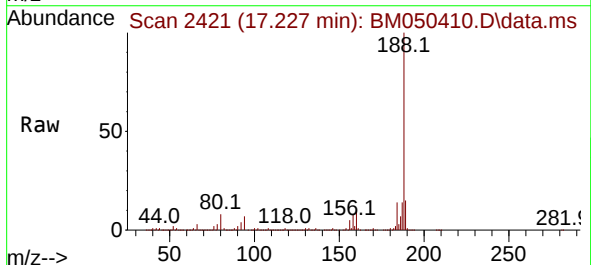
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

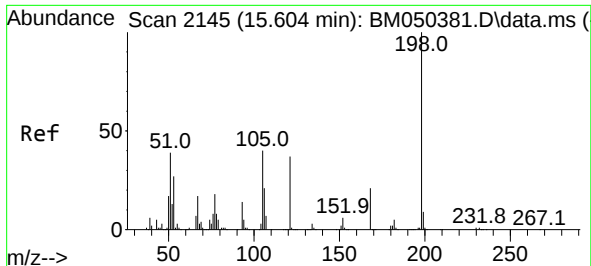
Tgt Ion: 77	Resp: 556676
Ion Ratio	Lower Upper
77 100	
182 27.8	10.0 50.0
105 20.3	2.0 42.0
51 33.8	11.7 51.7



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.227 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

Tgt Ion: 188	Resp: 1933677
Ion Ratio	Lower Upper
188 100	
94 7.4	6.0 9.0
80 7.8	6.5 9.7

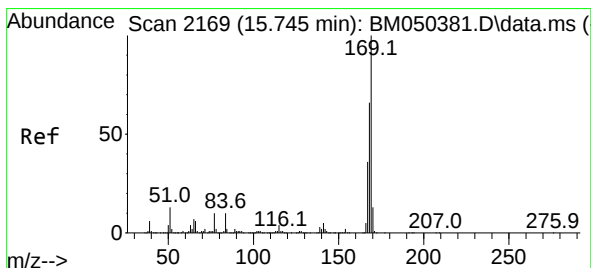
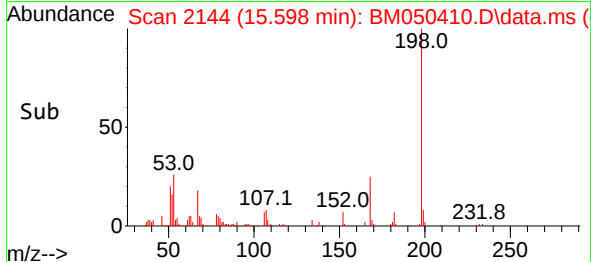
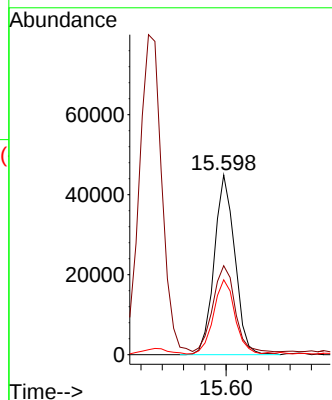
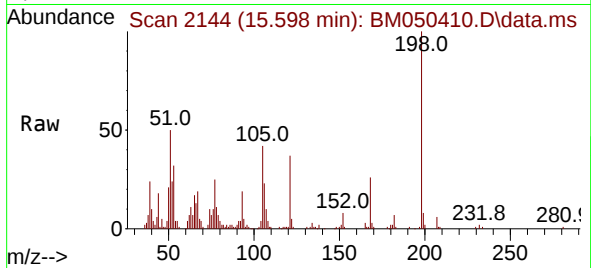




#65
4,6-Dinitro-2-methylphenol
Concen: 11.330 ng
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

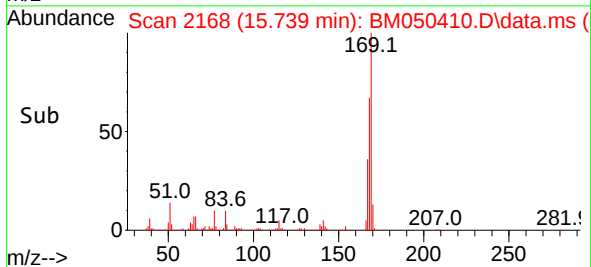
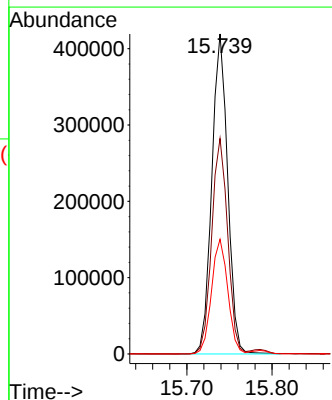
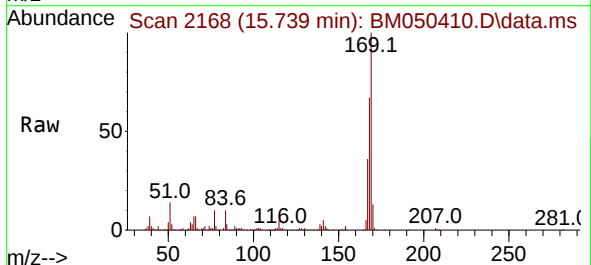
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

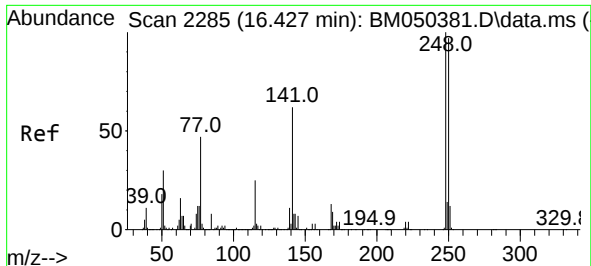
Tgt Ion:198 Resp: 60172
Ion Ratio Lower Upper
198 100
51 49.5 26.6 66.6
105 41.7 20.9 60.9



#66
n-Nitrosodiphenylamine
Concen: 8.965 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:169 Resp: 542440
Ion Ratio Lower Upper
169 100
168 67.4 53.2 79.8
167 35.9 28.7 43.1

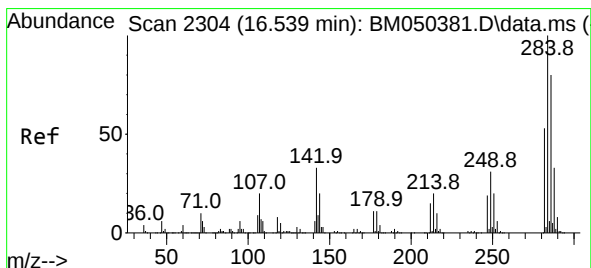
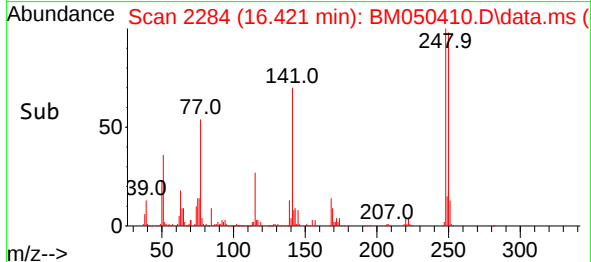
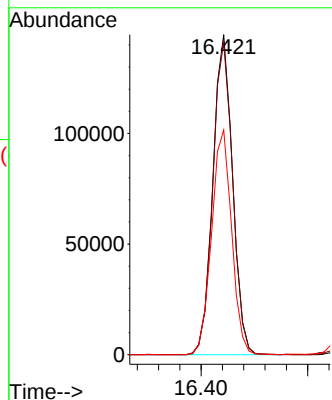
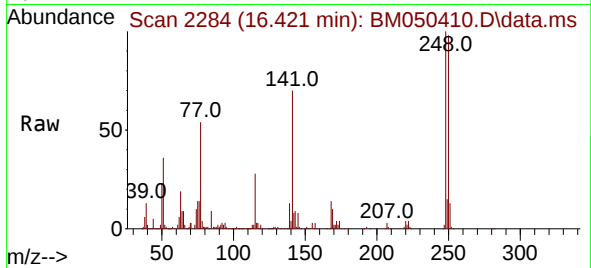




#67
4-Bromophenyl-phenylether
Concen: 8.704 ng
RT: 16.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

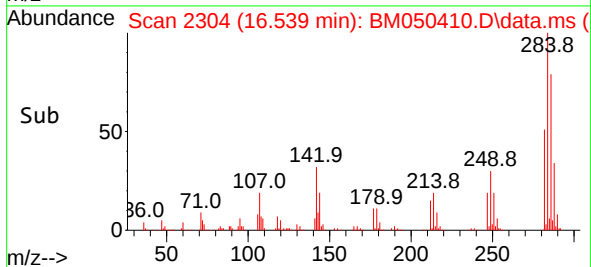
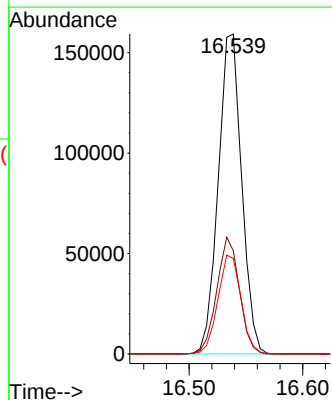
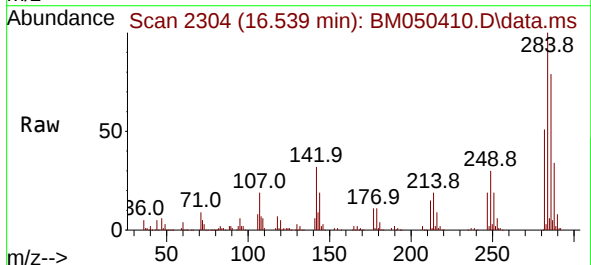
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

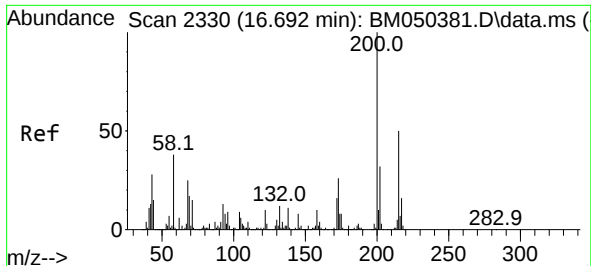
Tgt Ion:248 Resp: 185426
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 70.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 9.076 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:284 Resp: 228384
Ion Ratio Lower Upper
284 100
142 32.2 26.8 40.2
249 29.9 24.5 36.7

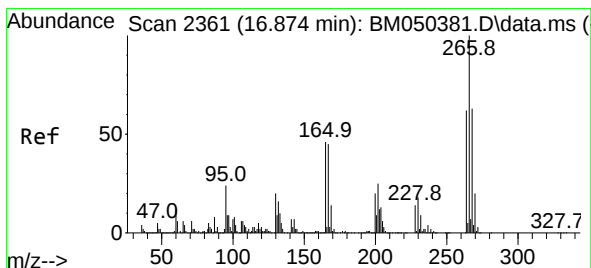
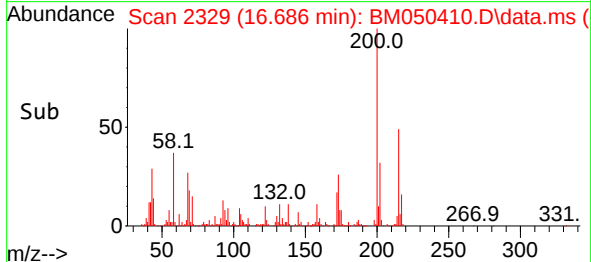
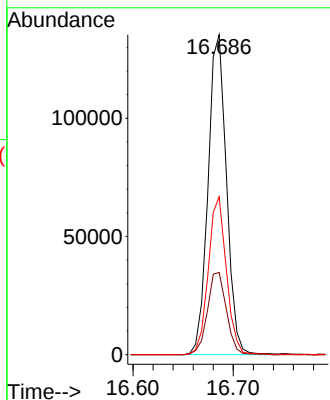
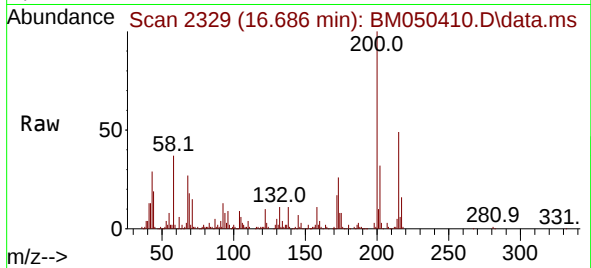




#69
Atrazine
Concen: 8.723 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

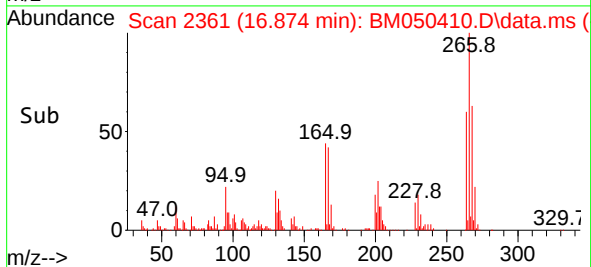
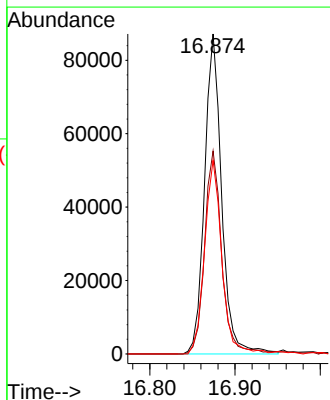
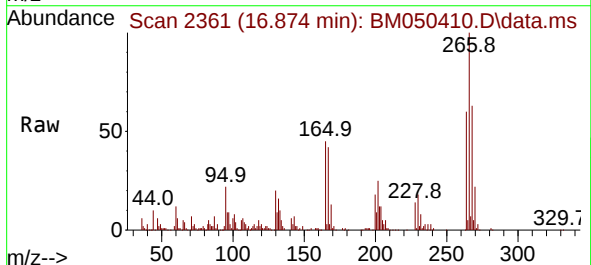
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

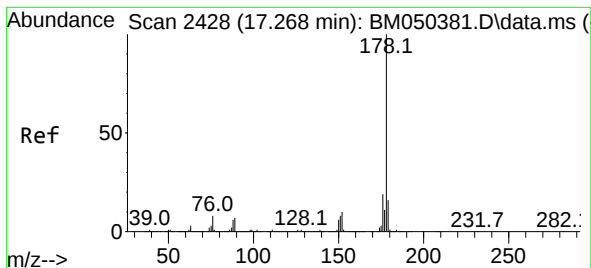
Tgt Ion:200 Resp: 173313
Ion Ratio Lower Upper
200 100
173 25.7 5.6 45.6
215 49.3 29.6 69.6



#70
Pentachlorophenol
Concen: 7.757 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:266 Resp: 121501
Ion Ratio Lower Upper
266 100
268 63.4 50.5 75.7
264 60.5 49.9 74.9





#71

Phenanthrene

Concen: 9.249 ng

RT: 17.262 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

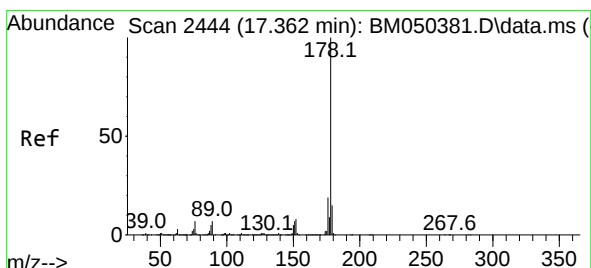
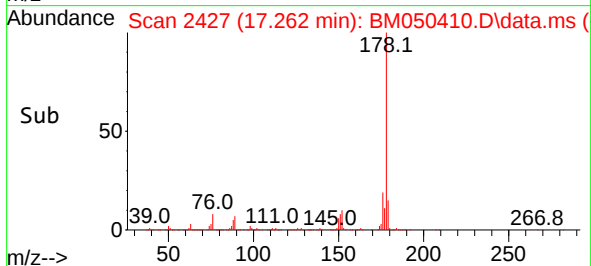
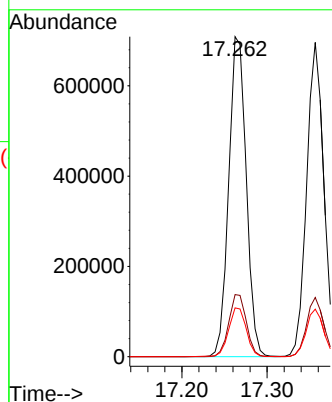
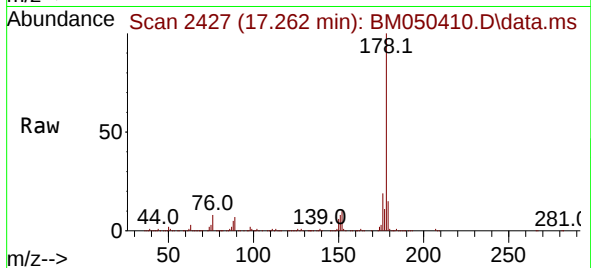
Tgt Ion:178 Resp: 1012042

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 9.042 ng

RT: 17.356 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

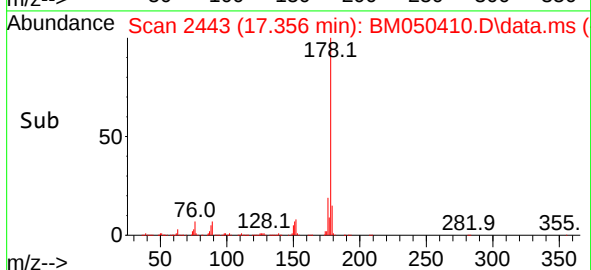
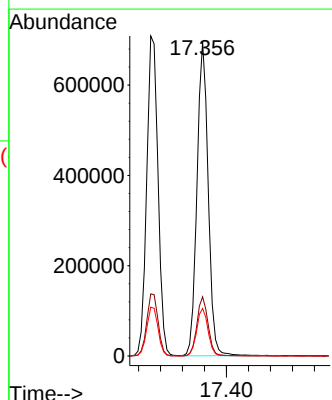
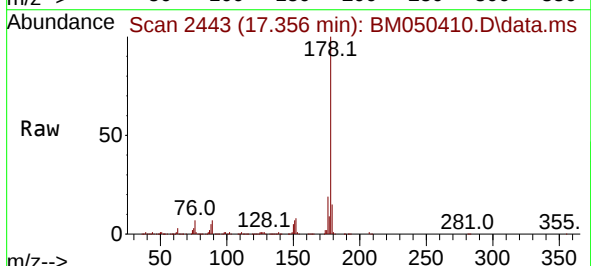
Tgt Ion:178 Resp: 984858

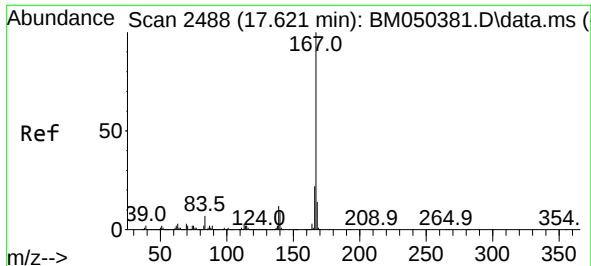
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.1 12.2 18.4

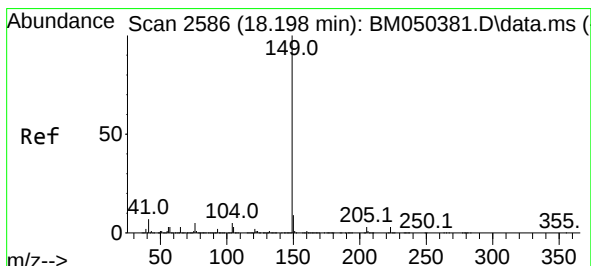
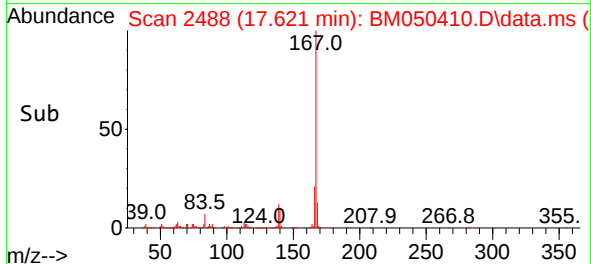
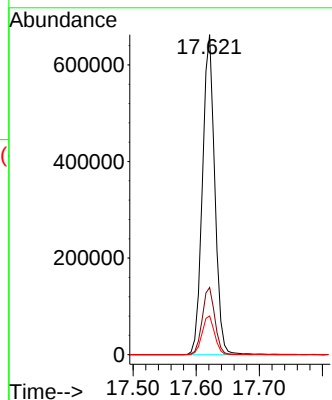
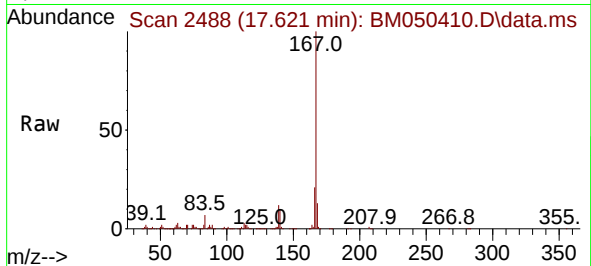




#73
 Carbazole
 Concen: 9.096 ng
 RT: 17.621 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

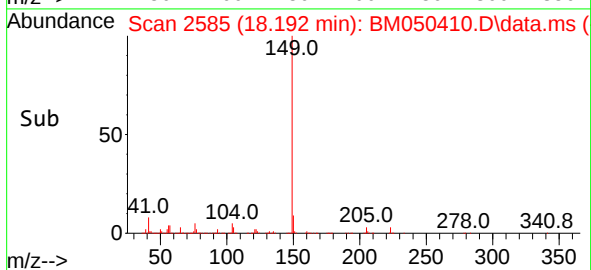
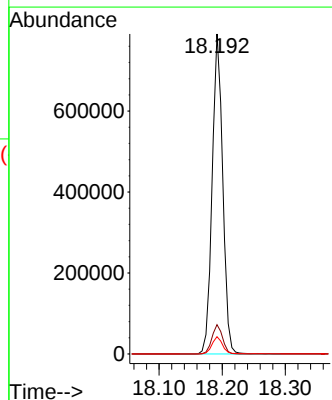
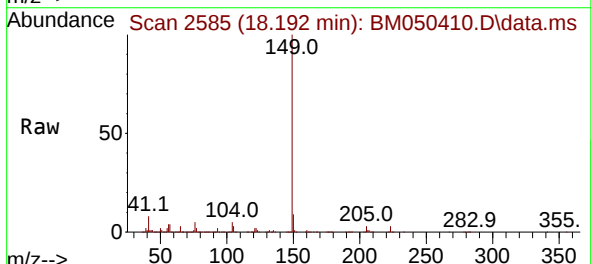
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

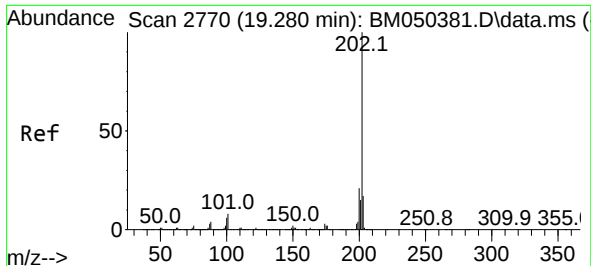
Tgt Ion:167 Resp: 896402
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.1 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 8.510 ng
 RT: 18.192 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

Tgt Ion:149 Resp: 917937
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.4 3.9 5.9

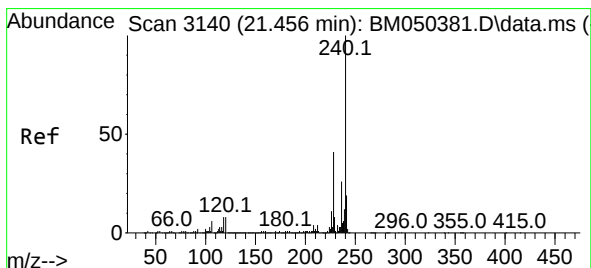
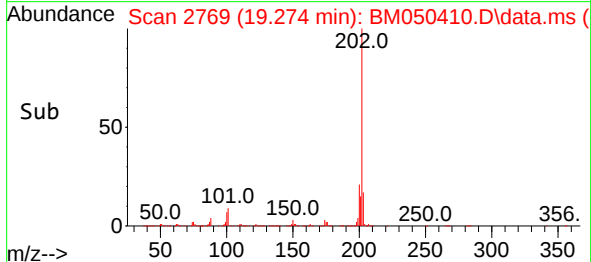
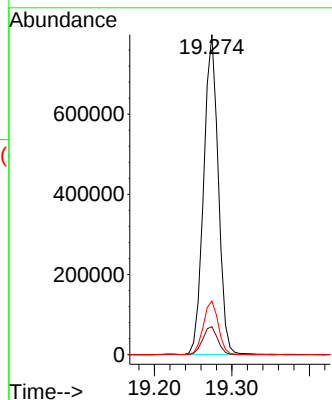
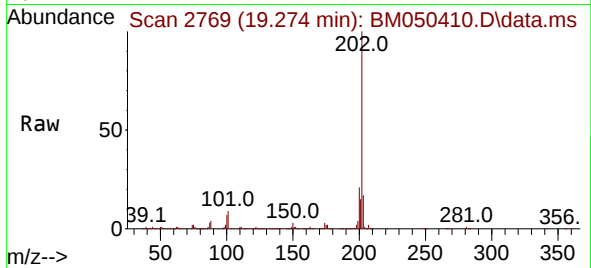




#75
Fluoranthene
Concen: 8.764 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

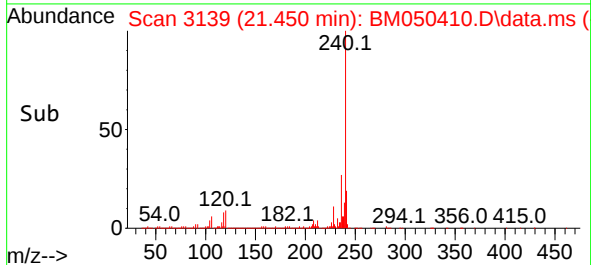
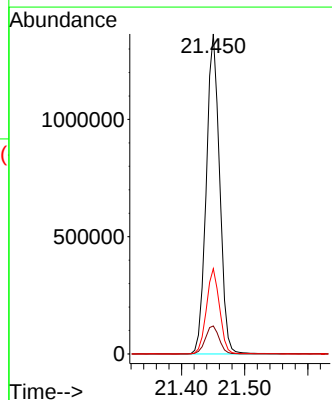
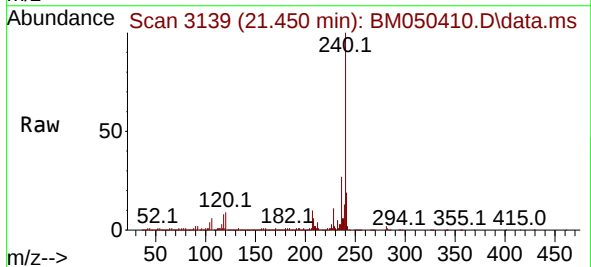
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

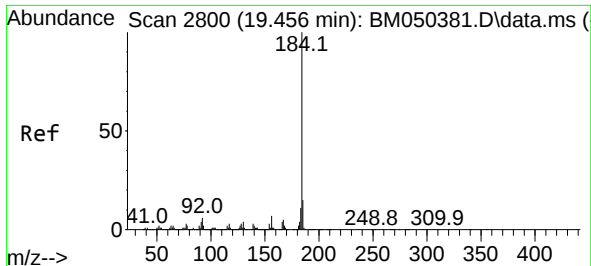
Tgt Ion:202 Resp: 1042509
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.3
203 16.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:240 Resp: 1998273
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.6 20.7 31.1

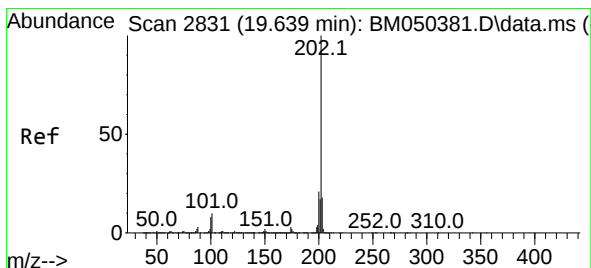
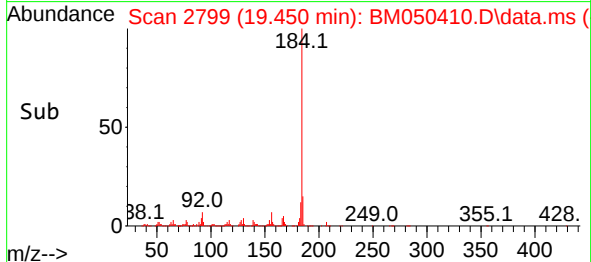
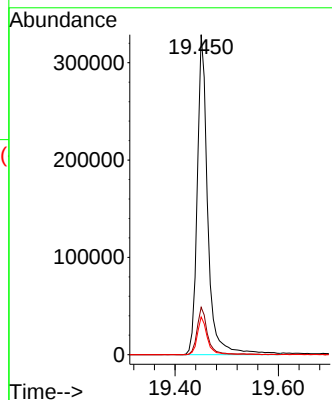
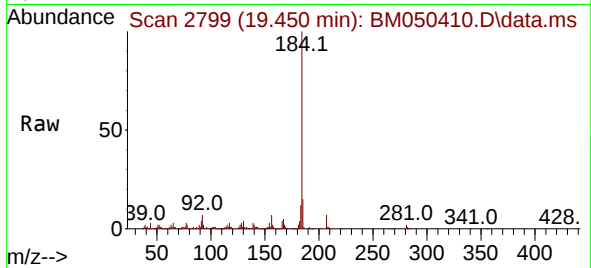




#77
Benzidine
Concen: 9.112 ng
RT: 19.450 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

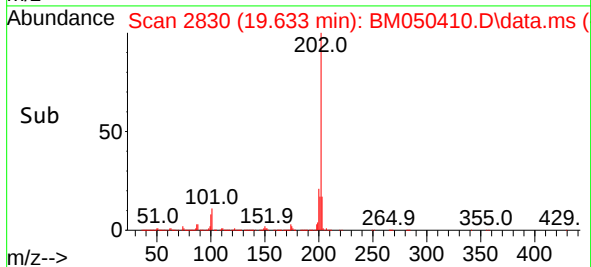
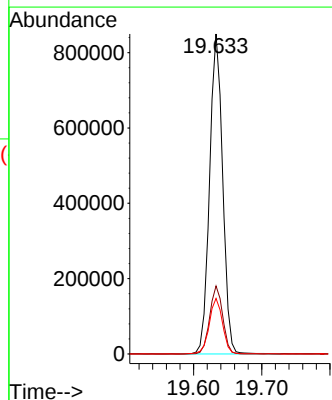
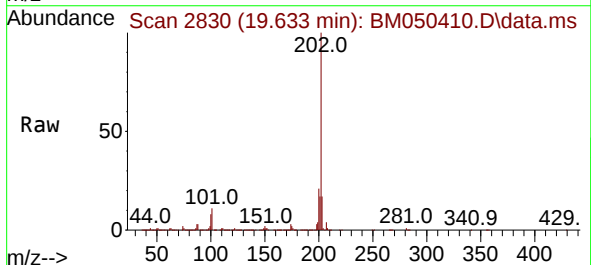
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

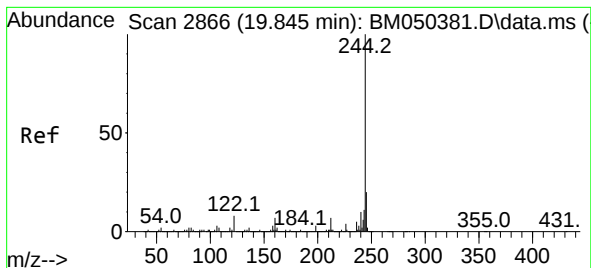
Tgt Ion:184 Resp: 464445
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 11.8 9.0 13.6



#78
Pyrene
Concen: 8.863 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:202 Resp: 1134330
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 94.385 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

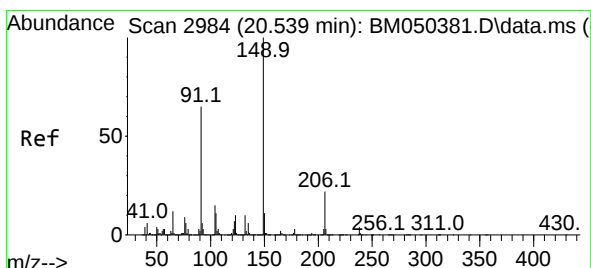
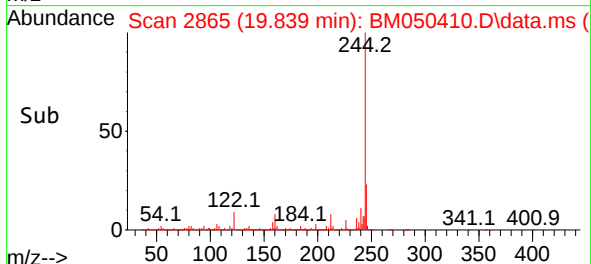
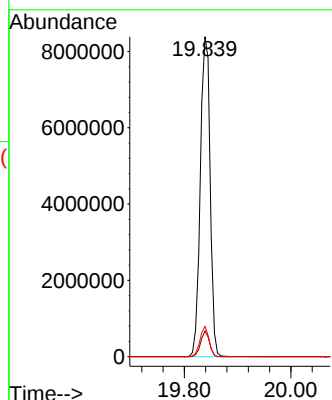
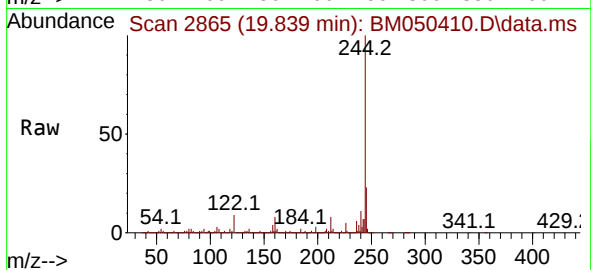
Tgt Ion:244 Resp:10719655

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

122 9.5 6.2 9.2#



#80

Butylbenzylphthalate

Concen: 8.328 ng

RT: 20.533 min Scan# 2983

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

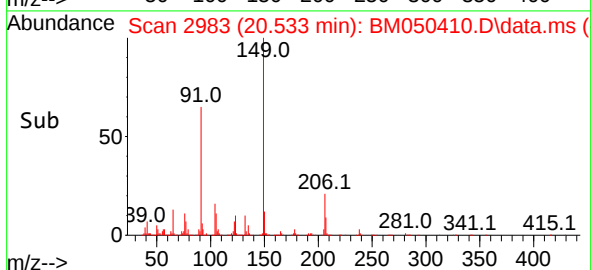
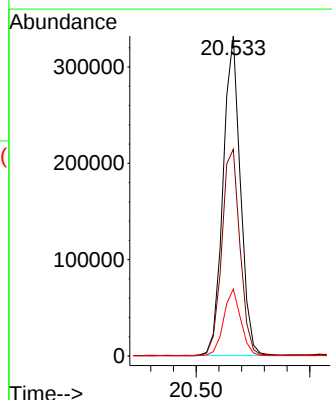
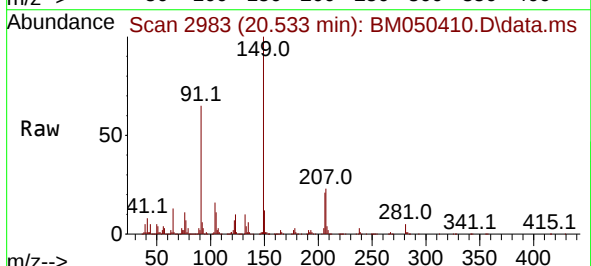
Tgt Ion:149 Resp: 351435

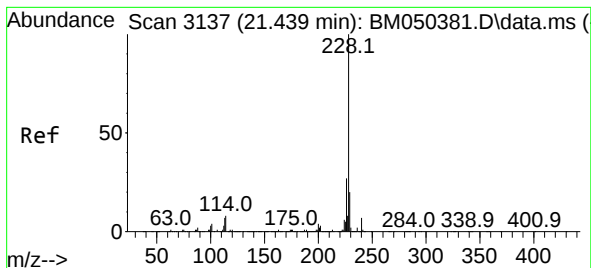
Ion Ratio Lower Upper

149 100

91 64.6 51.6 77.4

206 20.9 17.8 26.8





#81

Benzo(a)anthracene

Concen: 9.080 ng

RT: 21.433 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

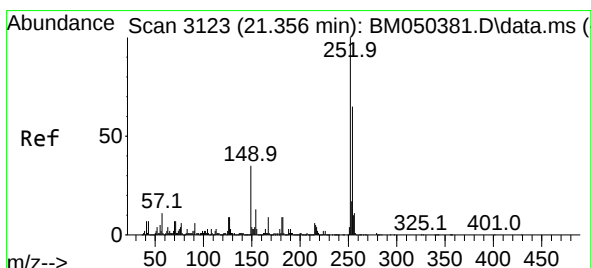
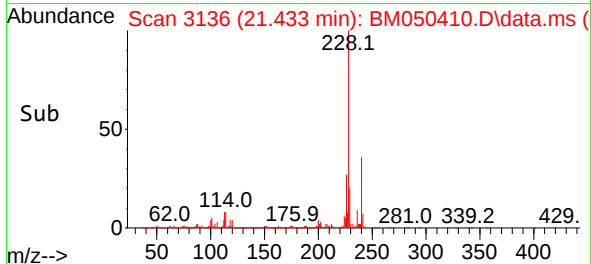
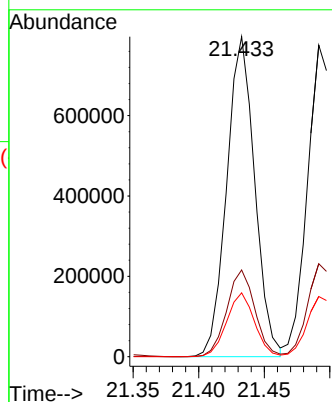
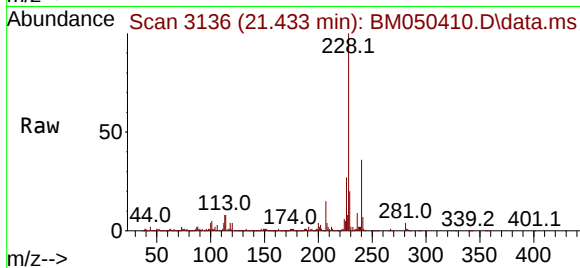
Tgt Ion:228 Resp: 1182209

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.147 ng

RT: 21.350 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

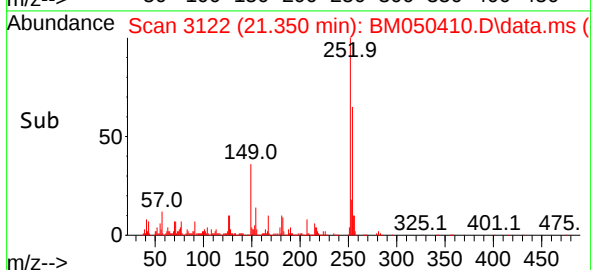
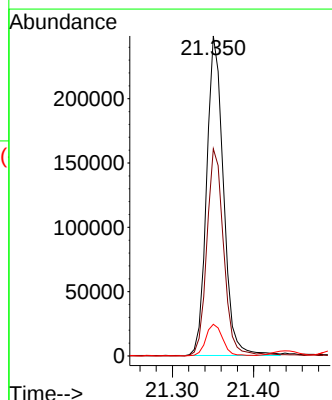
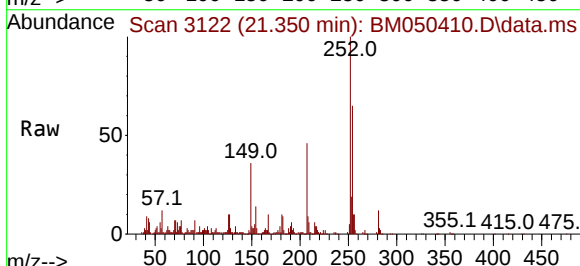
Tgt Ion:252 Resp: 357722

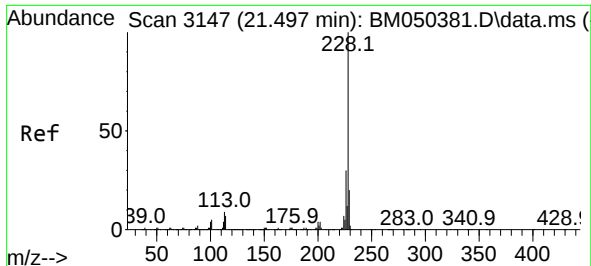
Ion Ratio Lower Upper

252 100

254 64.7 51.7 77.5

126 9.9 7.3 10.9

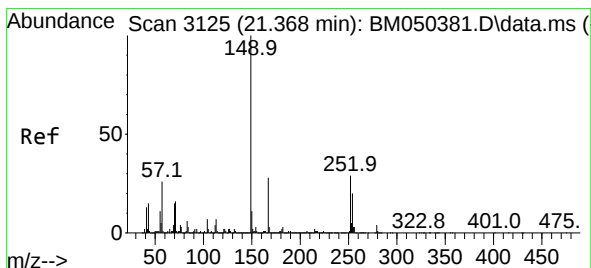
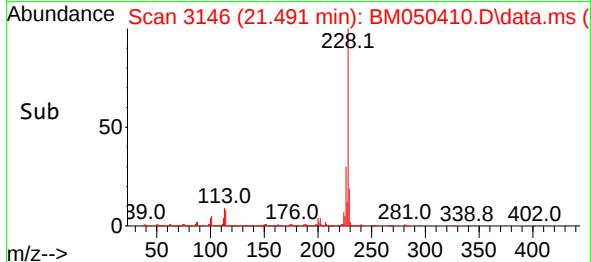
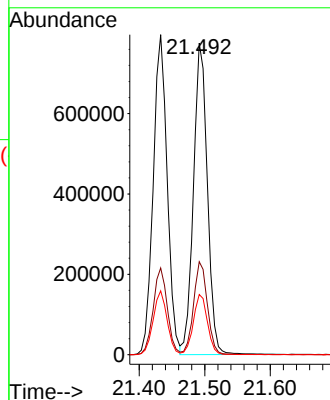
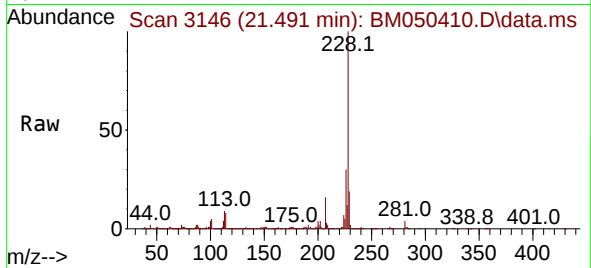




#83
Chrysene
Concen: 9.310 ng
RT: 21.491 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

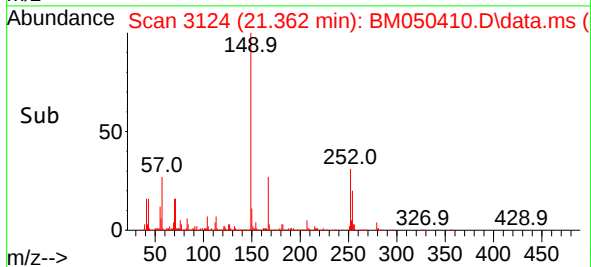
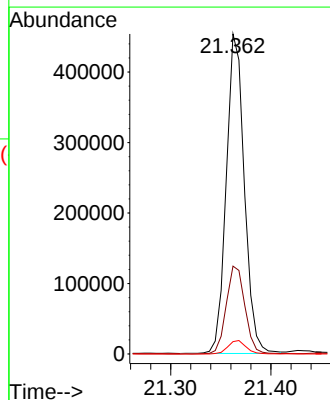
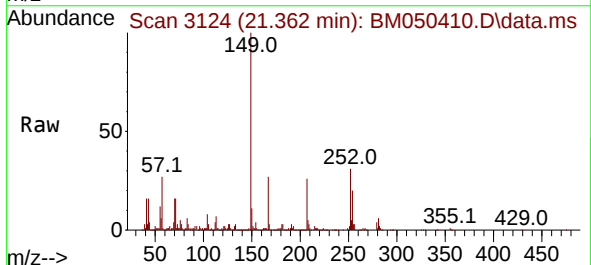
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

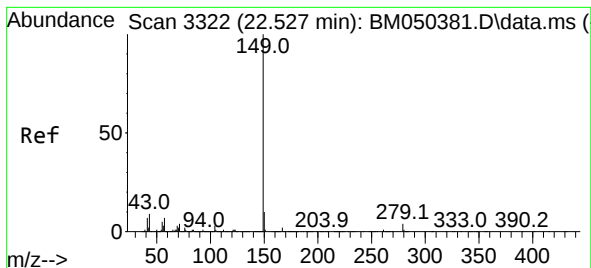
Tgt Ion:228 Resp: 1143345
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 19.3 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.445 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:149 Resp: 565745
Ion Ratio Lower Upper
149 100
167 27.5 22.7 34.1
279 3.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 7.602 ng

RT: 22.515 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT2-2025

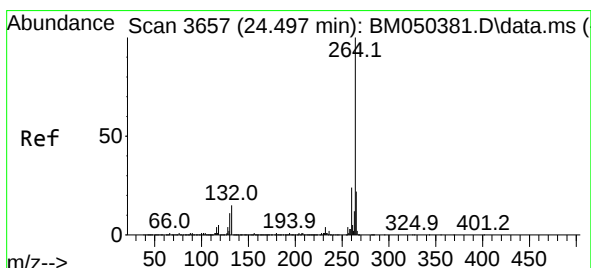
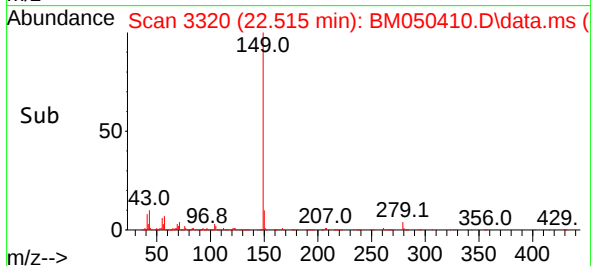
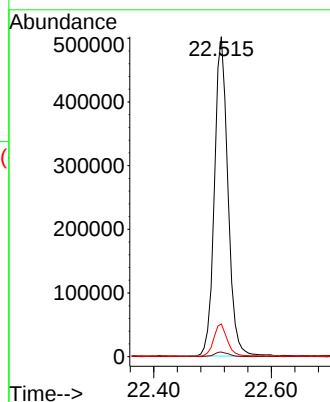
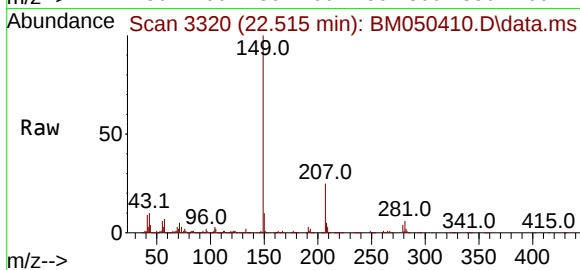
Tgt Ion:149 Resp: 797602

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.485 min Scan# 3655

Delta R.T. -0.012 min

Lab File: BM050410.D

Acq: 11 Jul 2025 13:02

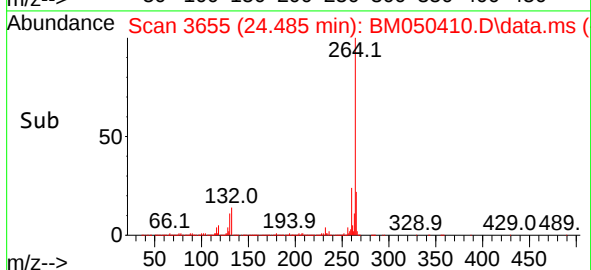
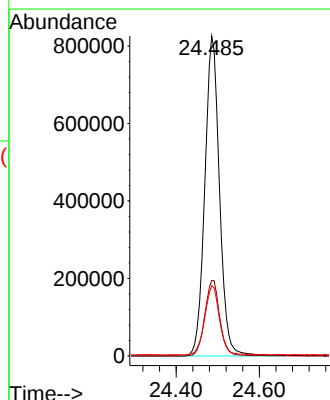
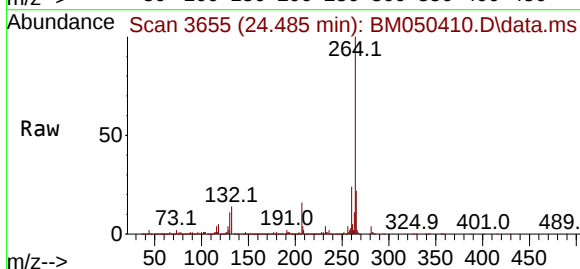
Tgt Ion:264 Resp: 2028179

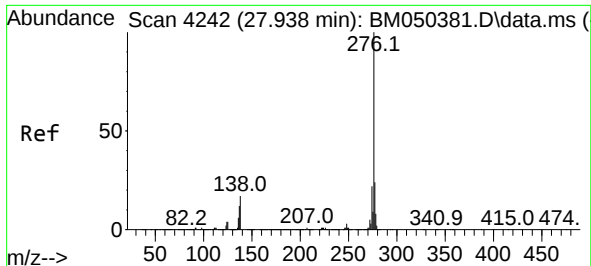
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.9 17.8 26.6

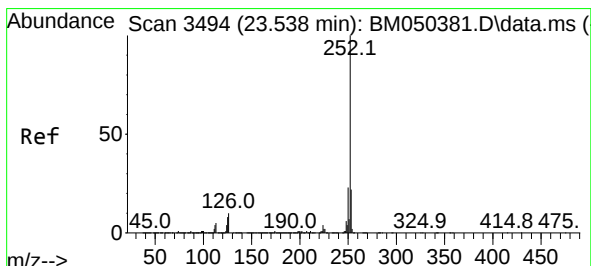
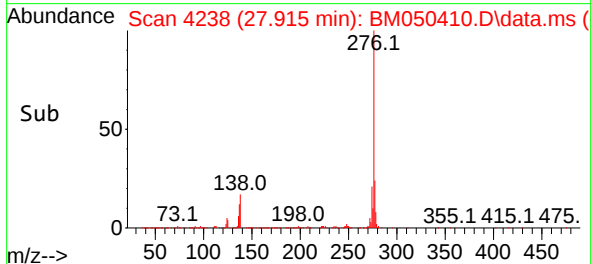
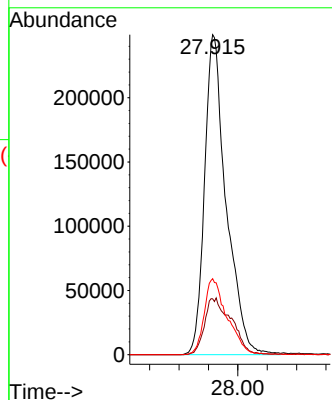
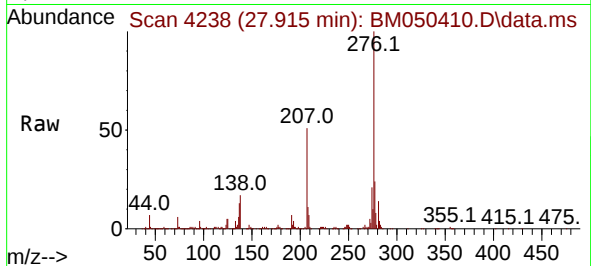




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.828 ng
 RT: 27.915 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

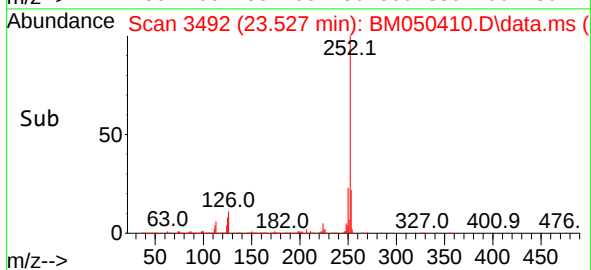
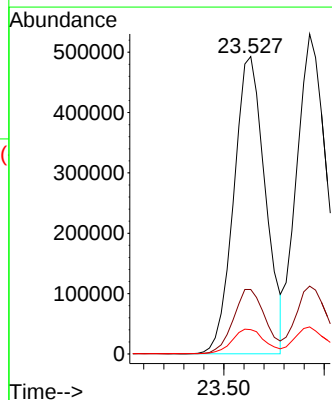
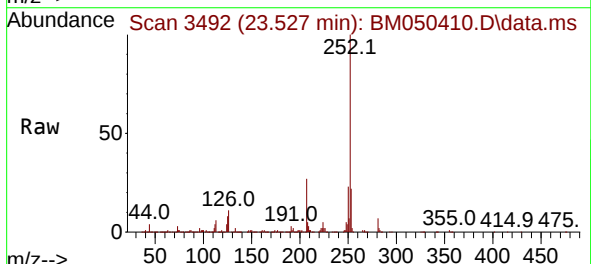
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

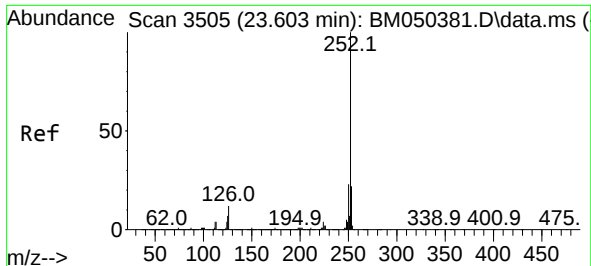
Tgt Ion:276 Resp: 1273042
 Ion Ratio Lower Upper
 276 100
 138 21.8 17.0 25.6
 277 25.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 8.631 ng
 RT: 23.527 min Scan# 3492
 Delta R.T. -0.012 min
 Lab File: BM050410.D
 Acq: 11 Jul 2025 13:02

Tgt Ion:252 Resp: 1076805
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.8 26.6
 125 8.2 6.3 9.5

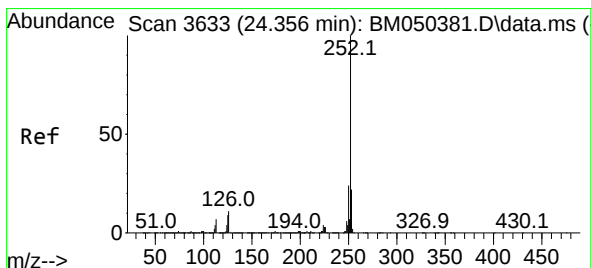
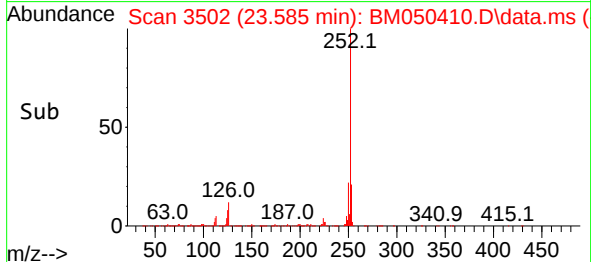
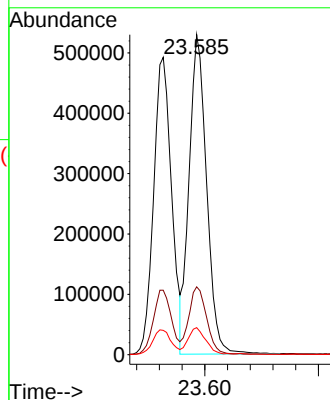
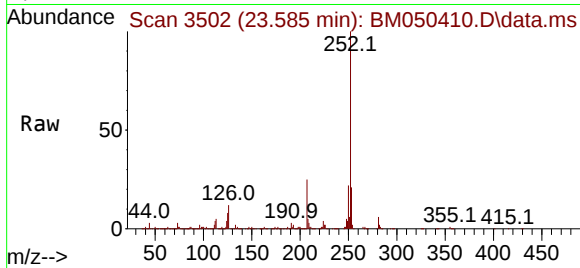




#89
Benzo(k)fluoranthene
Concen: 8.748 ng
RT: 23.585 min Scan# 3502
Delta R.T. -0.018 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

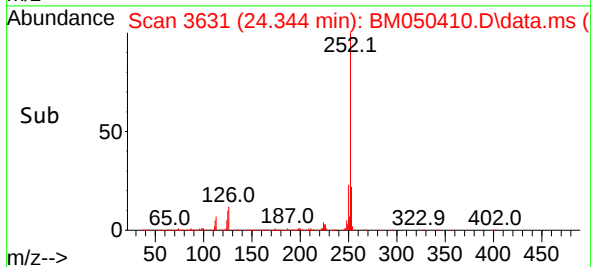
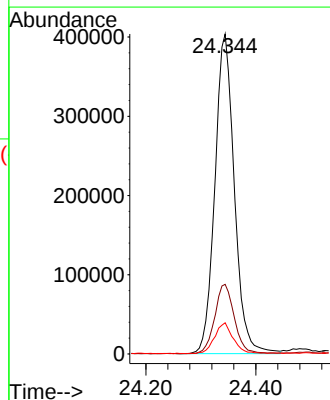
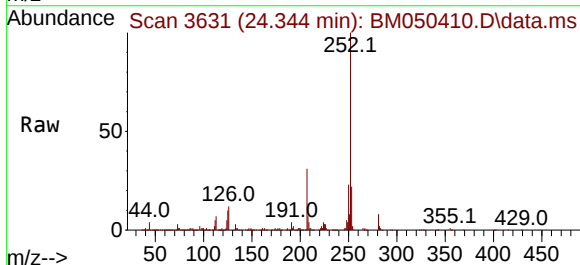
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

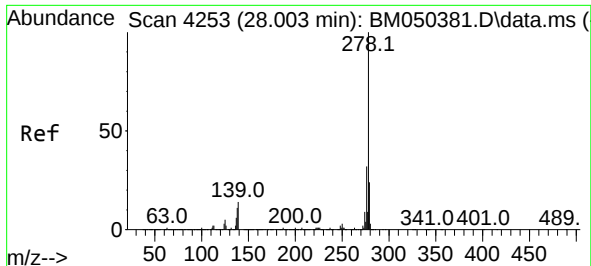
Tgt Ion:252 Resp: 1132384
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 8.4 6.2 9.2



#90
Benzo(a)pyrene
Concen: 8.492 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:252 Resp: 991768
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.7 7.0 10.4

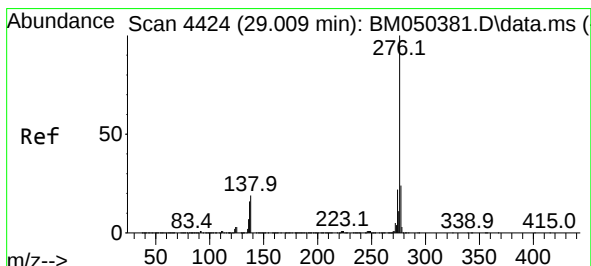
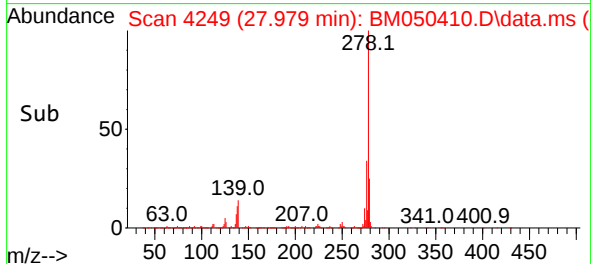
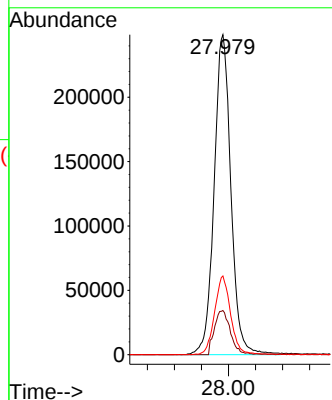
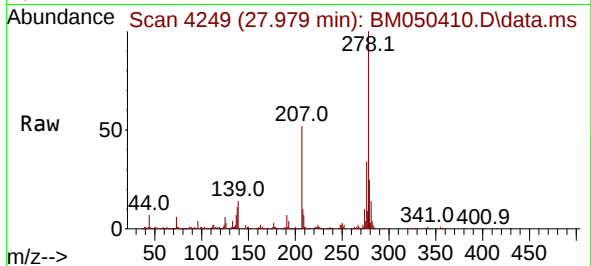




#91
Dibenzo(a,h)anthracene
Concen: 8.824 ng
RT: 27.979 min Scan# 4419
Delta R.T. -0.024 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:278 Resp: 1071603
Ion Ratio Lower Upper
278 100
139 13.8 10.8 16.2
279 24.6 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 8.912 ng
RT: 28.979 min Scan# 4419
Delta R.T. -0.029 min
Lab File: BM050410.D
Acq: 11 Jul 2025 13:02

Tgt Ion:276 Resp: 1022861
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 19.4 14.9 22.3

